

ZYBALOVA, G.P.

Changes in the permeability of Angren coal during the process of its  
drying and heat treatment. Podzem.gaz.ugl. no.1:28-31 '58.  
(MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut podzemnoy  
gazifikatsii ugley.  
(Coal--Permeability)

GOLUBEV, Yu.B.; ZYBALOVA, G.P., kand.tekhn.nauk; PETUKHOVA, N.N.; SHCHAD'KO, A.M.

Gas formation dynamics in the gasification of a lignite seam  
at the experimental "Podzemgaz" gas generator station in the  
Angren Basin. Trudy VNIIPodzemgaza no.13:11-17 '65.

(MIRA 18:8)

1. Laboratoriya tekhnologii podzemnoy gazifikatsii uglya Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii ugley.

BOLTANOVA. Z.M. & ZYBAICOVA, R.F.

Detection of bacterial pollution of preserved blood and its components.  
Gemat. i perel. krovi 1:125-128 '65. (MIRA 18:10)

1. Kiyevskiy institut perelivaniya krovi i Kiyevskaya gorodskaya  
stantsiya perelivaniya krovi.

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

ZYBAREV, A.; PAKHOLKOV, D.

New heating system for the ZIL-158 motorbuses. Avt.transp.  
38 no.1:40-41 Ja '60. (MIRA 13:5)  
(Motorbuses)

Technology

Preparation of production at an automobile plant, Moskva, Mashgiz, 1950

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

ZIBAYLO, A.V.

Simplifying the handling and form of technical records. Avt. trakt. prom.  
no.11:4-6 N '54. (MIRA 8:1)

1. Moskovskiy avtozavod im. Stalina.  
(Automobile engineering) (Factory management)

ZYBAYLO, Aleksey Vasil'yevich; SHEVELEV, A.G., inzh., retsenzent; LEVIN-  
SON, Ye.M., inzh., red.; RADAYEVA, Z.A., red. izd-va; EL'KIND, V.D.,  
tekhn. red.

[Organizing preliminary activities in the mass manufacture of machinery]  
Organizatsiia podgotovki proizvodstva v massovom mashinostroenii. Mo-  
skva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 234 p.  
(MIRA 14:9)

(Factory management)

ZYBAYLO, I. I.

Ways of lowering the production costs in chemical working circles.  
Gidroliz. i lesokhim.prom. 10 no.5:23-24 '57. (MLRA 10:8)

1. Ivatsevichskiy khimleskhoz.  
(White Russia--Forest products--Costs)

UVAROVA, Z.A.; KOROL', G.S.; ZYBENKO, L.D.; Gerasimenko, G.

Effect of ammonium carbonate on certain physiological features in  
corn. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.1:52-56 '61.  
(MIRA 14:4)

(Ammonium carbonate—Physiological effect)  
(Corn (Maize))

ZYBIN, A.

More production with less spending. MTO no.11:17-18 N '59.  
(MIRA 13:4)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-  
tekhnicheskogo obshchestva sel'skogo i lesnogo khozyaystva  
zernosovkhoza "Grachevskiy," Stavropol'skiy kray.  
(Stavropol Territory--Agricultural research)

USSR/Farm Animals 2001

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26248

Author : Zybin, N.

Inst : Not Given

Title : A Valuable Animal Feed for Fowls (Tsennyy zhivotnyy korm dlya ptitsy)

Orig Pub : S. kh. Sibiri, 1957, No 5, 61-65

Abstract : An experiment was carried out into raising of chicks by supplementing feed rations with fresh-water shrimp (Gammarus). Feeding fresh shrimps to the chicks started from 2-3 days of age. Daily average per head was: during the first ten days 2-4 g., during the next ten days 4-8 g., subsequent ten days 8-12 g., at 2 months of age 20 g., at 3 months 30 g., and grown-up chicken 60-70 g. of fresh, or 15-18 g. of dried shrimps. The feeds had a positive influence on the growth, development, and survival of the young chickens. There was no chicken pest in the experimental group of 840 heads. The average chickens' weight at 2 months of age was 693 g. as

Card : 1/2

53

USSR/Farm Animals -- Domestic Fowls

Q-6

Abs Jour : Rof Zhur - Biol., No 6, 1958, No 26248

against 651 g. in the control group; young hens started laying eggs at 5 months of age - earlier than in the control group. The article gives available published data regarding the effectiveness of the use of Gammarus as a food for chickens. The ways of catching and drying Gammarus in the summer and winter, as well as the economical profitableness of its utilization, are indicated.

Card : 2/2

KOMAROV, V.S., inzh.; ZYBIN, A.G., inzh.

Control and protection of double fans in local ventilation.  
Izv. vys. ucheb. zav.; gor. zhur. no.8:162-167 '61. (MIRA 15:5)

1. Vostochnyy nauchno-issledovatel'skiy institut po  
bezopasnosti rabot v gornoj promyshlennosti. Rekomendovana  
Vostochnym nauchno-issledovatel'skim institutom po bezopasnosti  
rabot v gornoj promyshlennosti.

(Fans, Electric)

ZYBIN, A. S.: Master Biol Sci (diss) -- "The lake crayfish (*Gammarus Rivulogammarus lacustris* G. O. Sars) and the outlook for its economic exploitation on the basis of experimental data". Omsk, 1958. 25 pp (Tomsk State U im V. V. Kuybyshev), 200 copies (KL, No 6, 1959, 129)

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1"

ZYBIN, A.3.

The pike perch in the Irtysh. Izv. Omsk. otd. Geog. ob-va no.6;  
119-120 '64. (MIRA 18:9)

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

YASENEVA, R.V.; ZYBIN, A.Yu.

Method for determining velocity of the lower clamps of the RT-250  
tearing machine used in testing fabrics. Kosh.-obuv.prom. no.4:  
17-19 Ap '59. (MIRA 12:7)  
(Testing machines) (Textile fabrics--Testing)

Use of Butcher drums for drying grain and malt. D. Yuditskii, G. Zyblin and T. Shumskaya. *Spois-Ind. i mayst. Prom.*, 16, No. 6, 36-7 (1939).—The drums of Butcher malt grain driers can be used successfully for drying wet grain or malt down to 11-12% moisture in about 2 hrs. under mild conditions, with gas entering the drum at about 60 and leaving at about 30. Julian E. Smith

Julian F. Smith

## A34-56A METALLURGICAL LITERATURE CLASSIFICATION

卷之三

Let's remunerate locomotive brigades per each kilometer-ton.  
Sots. trud. no. 4:136-137 Ap '58. (MIRA 11:4)  
(Railroads--Salaries, pensions, etc.)

ZYBIN, I.

The wage schedule for locomotive brigades requires revision. Sots. trud. no. 3:  
112-115 Mr '56. (MLRA 9:7)  
(Railroads--Salaries, pensions, etc.)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ЗЫЕВ, А.М., полковник медицинской службы ФСБН, полковник медицинской службы

Diagnosis and expertise of patients with acute gastric and duodenal diseases.  
Voen.-med. zhurn. no.9837-42 1964. (M28 1825)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.A.; SAMSONOV, V.G.; KHARAKHACH, V.G.; DORFMAN, E.M.

Lined plastics and their testing. Plast. massy no.7:64 '65. (MIRA 18:7)

PHASE I BOOK EXPLOITATION 149

Akademiya nauk SSSR. Institut nauchnoy i tekhnicheskoy informatsii

Pribory i stendy. Tema 5, No. P-56-475 (Instruments and Instrument Stands. Topic 5, No. P-56-475) Moscow, 1956, 10 p. 1,620 copies printed.

Additional Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov SSSR po novoy tekhniki.

Chief Ed.: Udal'tsov, A. N.; Ed.: Yakovlev, D.A., Engineer.

PURPOSE: This booklet is addressed to those interested in the technique and metering instruments used in the measurement of very low resistances and to earth physicists interested in metering technique in measuring the susceptibility of rock samples.

COVERAGE: The booklet contains two articles, one describing a pulse microohmmeter, the other an absolute permeability meter.

Card 1/3

Instruments and Instrument Stands (Cont.)      149

TABLE OF CONTENTS:

Iraniy, P. B., Engineer. A Pulse Microohmmeter      3

The article describes an instrument for measuring very low contact resistances (on the order of 1 microhm). Such meters are used, for example, in measuring bus connection resistances on the order of 0.1 to 5 microohms. The ammeter-voltmeter method for obtaining a visible deflection of the needle on a 10 mv scale is described. The method requires very high testing currents, on the order of 100 amperes when measuring 1 microhm. The author describes the microohmmeter developed by him at the "Uralelektrapparat" factory (author's certificate No. 94385). The operating principle of the instrument is based on the generation of high current (200 to 300 amperes) pulses. Fig. 1 is a circuit diagram of a microohmmeter for measuring low resistances (from 2 to 5,000 microohms) under shop conditions. Fig. 2 is a circuit diagram of a microohmmeter for measuring low resistances (in the  $0.1 \cdot 10^{-6}$  to 10 ohm range) in a closed circuit through the secondary coil of a stepdown transformer. Fig. 3 is a photograph of the apparatus used for checking the contact system of the MKP-110 oil circuit breaker. Fig. 4 is a structural and connection diagram of the instrument used to check the contact system of the VMG-133/111 oil circuit breaker. A table of pulse transformer coil winding data is given.

Card 2/3

Instruments and Instrument Stands (Cont.) 149

There is one Soviet reference.

Zybin, K. Yu. An Absolute Permeability Meter

9

This instrument was developed by A.G. Kalashnikov at the Institute of Earth Physics, AN SSSR. The report is accompanied by a schematic diagram of the fluxmeter in circuit. Formulas are given for calculating susceptibility, flux, etc. The design and principle of operation of the instrument are described. The instrument is used in measuring the susceptibility of rock samples. There are no references.

AVAILABLE: Library of Congress

Card 3/3

JP/mas  
11-5-58

"Some results of observing the variation vector of the horizontal component of the geomagnetic field."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

"Some laws in the behaviour of the vertical component of short-period oscillations of the geomagnetic field of stable regime (Pc)."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

S/049/60/000/02/006/022  
E131/E459

1000

AUTHOR:

Kalashnikov, A.V. and Zybin, K.Yu.

TITLE:

Some Results of Investigating the Variations of the  
Horizontal Component of the Geomagnetic Field (From  
Observations During the I.G.Y.)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya,  
1960, Nr 2, pp 236-242 (USSR)

ABSTRACT:

The investigations were carried out by the Station "Borok" of the Institute of Physics of the Earth, Academy of Sciences USSR (58°02' N and 38°58' E). A three-component assembly was employed giving the variations of  $H_x$ ,  $H_y$  and  $H_z$  of the geomagnetic field. The vertical component was recorded by means of a mesh placed horizontally in the earth, the total surface of which was  $1.4 \times 10^{-2} \text{ m}^2$ . The sensitivity of the  $Z$ -channel was  $1.4 \times 10^{-2} \text{ y/mm}$ . Examples of recordings of the variations of all three components are illustrated in Fig 2. Vector diagrams of the variations of the horizontal components were plotted showing the amplitudes of the horizontal components  $H_x$  and  $H_y$  for a given instant (Fig 3). The curves thus obtained enclose an elongated area, the azimuth of the longer

80944

S/049/60/000/02/006/022  
E131/E459

Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

axis having predominantly a direction NW to SE, ie the mean azimuth was found to be  $38^\circ$  (Fig 4). It was found that the diurnal rotation of the vector was predominantly anti-clockwise. Out of 456 cases, 258 rotations were anti-clockwise, 146 clockwise and 52 were variable (Fig 5, 6 and 7). The diagram of the relationships

$$E_x/H_y, E_y/H_x \text{ and } E/H = \sqrt{E_x^2 + E_y^2} / \sqrt{H_x^2 + H_y^2}$$

was also produced (Fig 8) in order to illustrate the relationship between the amplitude of the variations of the electric field and those of the magnetic field. The cause of these variations could be the effect of electric eddies in the ionosphere at the heights of 100 km and

X

Card 2/3

8094

S/049/60/000/02/006/022  
E131/E459

Some Results of Investigating the Variations of the Horizontal  
Component of the Geomagnetic Field (From Observations During the I.G.Y.)  
above. There are 8 figures and 1 Soviet reference.

ASSOCIATION: Akademiya nauk SSSR Institut fiziki Zemli  
(Academy of Sciences, Institute of Physics of the Earth)

SUBMITTED: August 6, 1959

Card 3/3

82706

S/049/60/000/006/002/002  
E073/E535

3.9000

AUTHORS: Bol'shakova, O.V., Zybin, K. Yu. and Mal'tseva, N.F.

TITLE: Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1960, No.6, pp.818-827 + 1 plate

TEXT: The authors evaluate the results of observations carried out in the following three geophysical stations of the Institute of Physics of the Earth, AS, USSR during the first six months (August, 1957 to January, 1958) of the I.G.Y.: Lovozero (Murmansk region) - 67° 58' northern latitude, 35° 05' eastern longitude; Borok (Yaroslavl region) - 58° 02' northern latitude, 38° 58' eastern longitude; Petropavlovsk-Kamchatskiy - 53° 06' northern latitude, 158° 38' eastern longitude.

The primary evaluated data are the 24 hour photographic recordings of fluxmeter induction apparatus with a 90 mm/hr scanning speed.

Card 1/4

82706

S/049/60/000/006/002/002  
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (In accordance with observations carried out during the I.G.Y.)

The authors investigated the frequency spectrum of the field of the short period fluctuations, the daily characteristic of the times of occurrence of short period fluctuations, the daily characteristic of the average maximum amplitude of the short period fluctuations and their behaviour as a function of the geographic distribution of the observation points. The data are described in considerable detail. For the purpose of elucidating generally valid amplitude relations, the authors introduce the term "degree of Pc activity" and investigate its behaviour. The degree of Pc activity was selected in the same way as the international geomagnetic activity characteristics. However, in the given case the amplitude of fluctuations with periods of 10 to 50 secs during each hour of the 24 hour day was evaluated at 0.1 to 2 Bands. On the basis of the obtained results the following conclusions are arrived at:

1) The short period fluctuation spectrum in the range between  
Card 2/4

82706

S/049/60/000/006/002/002  
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

10 and 90 secs is a discrete one, the probability of appearance of fluctuations differs for differing periods.

2) According to the daily characteristic of the number of cases of occurrence of short period fluctuations of various periods, the spectrum can be divided into groups of 20 to 30 and 60 to 90 secs monitored ("controlled") according to local time and a 40 secs group monitored ("controlled") by world time.

3) The daily characteristic of the average maximum amplitude of the short period fluctuations of various periods obeys a general law and is monitored in accordance with local time.

4) The group of fluctuations with periods between 60 and 90 secs observed at the station Borok obeys laws similar to those pertaining to the Pc type fluctuations.

5) The degree of activity Pc evaluated according to 3-ball scale enables comparing the relations governing the behaviour of short period fluctuations of the Pc type with appreciably differing

Card 3/4

82706

S/049/60/000/006/002/002  
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

amplitudes at various stations. The degree of activity  $P_c$  has a clearly pronounced daily variation with a half-daily maximum. It proceeds in accordance with the local time, it has a seasonal character and indicates a tendency towards a latitude shift, i.e. the maximum degree of activity  $P_c$  will occur earlier at the stations in the higher latitudes.

6) Disturbances with periods below 50 secs should be subdivided into proper  $P_c A$  disturbances and disturbances of the same period which occur in absence of stable fluctuations of the given period (the latter is particularly characteristic for polar stations). Acknowledgments are expressed to G. N. Petrova who directed the work and to the following who jointly with the personnel of the geophysical stations participated in evaluating the obtained experimental material: G.M.Solodovnikov, K.Ya. Sergyeva, L.V. Kopeleva, L.V.Pestretsova, V.V.Sperantov, L.A.Nabatnikova and R.S. Rybak. There are 12 figures and 2 tables.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences USSR, Institute of Physics of the Earth)

Card 4/4  
SUBMITTED: August 6, 1959

ZYBIN, K. YU., SHEPETNOV, R.V., ROKITYANSKAYA, D.A., TROITSKAYA, V.A.,  
and ROKITYANSKY, I.I.,

"The Connection of Pc and Pt Pulsations with Magnetic Storms,"

report presented at the Intl. Conference on Cosmic Rays and  
Earth Storms, Kyoto, Japan, 4-15 Sept 1961.

PHASE I BOOK EXPLOITATION

SOV/5215

Akademiya nauk SSSR. Mezhdunarodnyy komitet po provedeniyu  
Mezhdunarodnogo geofizicheskogo goda. III razdel programmy MGG:  
Zemnoy magnetizm i zemnye toki.

Korotkoperiodicheskiye kolebaniya elektromagnitnogo polya zemli  
(Short-Period Oscillations of the Earth's Electromagnetic  
Field) Moscow, Izd-vo AN SSSR, 1961. 114 p. 1,800 copies  
printed (Series: Its: Sbornik statey, No. 3)

Resp. Eds.: A. G. Kalashnikov, Doctor of Physics and Mathematics,  
and V. A. Troitskaya, Candidate of Physics and Mathematics;  
Ed.: Ye. P. Shchukina; Tech. Ed.: Ye. V. Makuni.

PURPOSE: This publication is intended for geophysicists.

COVERAGE: This collection of articles, published by the Inter-  
departmental IGY Committee of the USSR Academy of Sciences,  
treats problems of geomagnetism and telluric currents. Indi-  
vidual articles deal with various (short-period, gigantic,

Card 1/5

**Short-Period (Cont.)**

SOV/5215

steady, etc.) oscillations of the terrestrial electromagnetic field, particularly in the arctic region. No personalities are mentioned. Brief English abstracts accompany each article. References follow individual articles.

**TABLE OF CONTENTS:**

Afanas'yeva, V. I. Short-Period Oscillations of the Earth's Magnetic Field

11

Kebuladze, V. V. Some Regularities of the Disturbed Field of Earth Currents

11

Okhatsimskaya, M. V., Yu. B. Rastrusin, I. I. Rokityanskiy, and R. V. Shchepetnov. Regularities in the Excitation of Short-Period Oscillations in Middle Latitudes

17

Vinogradov, P. A. Short-Period Oscillations of the Electrotelluric Field (According to Observations in Irkutsk)

23

~~Card 2/5~~

Short-Period (Cont.)

SOV/5215

Dubrovskiy, V. G. Rapid Geoelectric and Geomagnetic Variations and Their Regularities (According to Observations in Ashkhabad) 35	
Troitskaya, V. A. Steady Oscillations and Chain Oscillations in the Arctic and Antarctic	41
Zubareva, E. P. Preliminary Results of Earth Current Observations in Tiksi Bay	62
Nikitina, N. M. Preliminary Results of Earth Current Observations at the Barentsburg Station (Spitsbergen)	69
Zubareva, E. P., G. I. Korobkova, N. M. Nikitina, and V. A. Troitskaya. Gigantic Pulsations in the Soviet Arctic During the 1935-1956 Period	76
Barsukov, O. M., and K. Yu. Zybin. Nonperpendicularity of the Vectors of the E and H Variations of the Earth's Electromagnetic Field	83

Card 3/5

Short-Period (Cont.)

SOV/5215

Troitskaya, V. A. Beat-Type Oscillations (Pearls) in the Earth's Electromagnetic Field ( $T \sim 1-4$  sec)

89

Troitskaya, V. A., and M. V. Mel'nikova. Characteristic Intervals of Oscillations, Decreasing Over a Period ( $10^{-1}$  sec), in the Earth's Electromagnetic Field, and Their Relationship With Phenomena in the Upper Atmosphere

100

Bol'shakova, O. V., K. Yu. Zybin, and N. F. Mal'tseva. Some Regularities in the Behavior of the Vertical Component of Short-Period Oscillations of the Geomagnetic Field in a Stable Regime ( pc )

108

Kalashnikov, A. G., and K. Yu. Zybin. Some Results of the Observations of the Variations Vector of the Horizontal Component of the Earth's Magnetic Field

110

Kalashnikov, A. G., and Mokhova, Ye. N. Short-Period Variations of the Magnetic Field, Occurring Simultaneously Over a

Card 4/5

3.9110 (IIH, 1482)

29886  
S/160/61/000/009/047/056  
D228/D304

AUTHORS: Barsukov, O. M., and Zybin, K. Yu

TITLE: The non-perpendicularity of the variation vectors for  
E and H of the earth's geomagnetic field

PERIODICAL: Referativnyy zhurnal. Geofizika, no. 9, 1961, 26,  
abstract 9G210 (Korotkoperiod. kolebaniya elektro-  
magnitn. polya Zemli, no. 3, M., AN SSSR, 1961, 83-88)

TEXT: It is shown theoretically that for an anisotropic medium the  
principle of the mutual perpendicularity of vectors of electric and mag-  
netic alternating fields is violated in horizontal directions. Recordings  
of short-period variations at the Lovozero and Borok stations were pro-  
cessed for experimental verification. The principal directions of vectors  
E and H, and their diurnal variation were determined for Lovozero; the  
perpendicularity deviation is  $\sim 9^\circ + 1^\circ$ . Electromagnetic measurements  
of the impedance for different directions disclosed the anisotropy of the  
crust in the Lovozero area which, according to the calculations, should

Card 1/2

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

ZEMIN, K.Yu., KETIMENOV, N.G.

Amplitude spectrum of micropulsations in the frequency range  
of 1 to 20 cps. Geomag. i aer. 5 no.6:1125-1126 N-D '65.

(MIRA 19:1)

1. Institut fiziki Zemli AN SSSR. Submitted March 26, 1965.

SOURCE CODE: UR/0293/66/004/006/0935/0936

AUTHOR: Zybin, K. Yu.  
ORG: none

TITLE: Distribution of Alfvén velocity in the magnetosphere  
SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 6, 1966, 935-936  
TOPIC TAGS: cold plasma, plasma density, magnetic field  
SUB CODE: 20,22

ABSTRACT:

Alfvén velocity in the magnetosphere usually is computed using the formula  $V_A = H/\sqrt{4\pi\rho}$ , where  $H$  is magnetic field strength and  $\rho$  is the density of charged particles. The first computation of  $V_A$  was made by Dessler, assuming a monotonic decrease of plasma density with height and for the strength of a dipole field. However, Soviet space rockets revealed a sharp decrease of plasma density at geocentric distances  $R = 4-5 R_E$ . Much more data now is available on this plasma density jump ("knee") near which the density of cold plasma decreases by several tens of times. Such a sharp decrease naturally should lead to a considerable increase of Alfvén velocity. The graph shows a second  $V_A$  maximum at  $R = 4-5 R_E$  and a region of relatively low values  $V_A$  bounded by two maxima. This has a number of corollaries important for an understanding of the nature of geomagnetic micropulsations. The region of decreased velocities can serve as an additional resonator for magnetoacoustic waves propagating isotropically in the exosphere. This resonator exists on

Card 1/2 UDC: 550.385.41

ACC NR: AP7007601

both the daytime and nighttime sides of the magnetosphere. This makes it possible to explain nighttime pulsations of the Pi2 type. There are three regions in the magnetosphere in which magnetoacoustic resonances are possible: a) a region bounded by the "knee" and the velocity jump at the boundary of the magnetosphere; b) a region between the "knee" and the maximum of the Alfvén velocity at  $R \approx 1.5 R_E$ ; c) a region whose boundaries are the ionosphere and the velocity maximum at  $R \approx 1.5 R_E$ . These and other factors help in explaining a broad spectrum of simultaneously existing micropulsations with different periods.

[JPRS: 39,718]

Properties and nature of geomagnetic micropulsations with periods  
from 10 seconds up to several minutes. Geomag. i-aer. 5 no.3:494-  
498 My-Je '65.  
(MIRA 18:5)

1. Institut fiziki Zemli AN SSSR.

AUTHOR: Zybin, K. Yu.; Kleymenova, N. G. 25

ORG: Institute of Physics of the Earth, AN SSSR (Institut fiziki Zemli B  
AN SSSR)

TITLE: Amplitude spectrum of micropulsations in the 1-20 cps frequency  
range

SOURCE: Geomagnetizm i sferonomiya, v. 5, no. 6, 1965, 1125-1126

TOPIC TAGS: geomagnetic field, geophysics

ABSTRACT: The paper is a report on observations of micropulsations in telluric currents at Garm, Tadzhik. SSR, in the summer of 1963. Oscilograms of the natural electromagnetic field in the 1-20-cps frequency range show a complex pattern of irregular oscillations which defies analysis. To isolate the characteristic frequencies, several of the most typical recordings of micropulsations, lasting about 30 seconds each were analyzed on an M-20 computer. The resultant data were analyzed and a curve of the  $E_x$  spectral component was plotted as a function of amplitude. This spectrum shows that the natural electromagnetic field observed in the 1-20 cps range is the result of at least two distinct

Card 1/2

UDC: 550.385.37

UDC: 550.385.17

sources. The field energy diminishes smoothly and rather rapidly with increasing frequency in the first part of the spectrum, up to 5 cps. Above 5 cps, the field energy begins to oscillate with increasing frequency. The low-frequency part of the spectrum (up to 5 cps) corresponds to oscillations of the P<sub>cl</sub> type, which have their origin in the exosphere. The maxima in the oscillations above 5 cps correspond to Schumann resonance frequencies of the earth-ionosphere cavity due to lightning flashes. Three clearly defined maxima are observed at 8.5, 14.5, and 21 cps. This spectrum is used to determine the Q of the earth-ionosphere resonance cavity, giving values of 3.4 for 8.5 cps and 3.2 for 14.5 cps, which agree satisfactorily with the data in the literature. Resonance oscillations in the middle latitudes are much stronger than in the polar regions, where fluctuations are weak and the amplitudes of the oscillations from 8 to 20 cps are nearly an order of magnitude lower than the amplitudes of geomagnetic micropulsations (1-3 cps). Orig. [14]

SUB CODE: 08,17/ SUBM DATE: 26Mar65/ ORIG REF: 002/ OTH REF: 002  
ATD PRESS: 4181

Card 2/2 HW

ZYBIN, Kh., inzhener.

Operation recorder of the "Neptun" radar station. Mor.flot 17  
no.3:24 Mr '57.  
(MLRA 10:3)

1. Elektronavigatsionnaya kamera Rizhskogo porta.  
(Riga-Radar in navigation)  
(Recording instruments)

270-67 FORM 1 starshiy prepodavatel'  
Conditions for convergence of a sequence of linear positive  
operators. Uch. zap. Kalin. gos. ped. inst. no. 5:53-56 '58.

(Operators (Mathematics)) (Convergence) (MIRA 13:10)

(

Convergence of some sequences of linear operators to discontinuous  
functions. Uch. zap. Kalin. gos. ped. inst. no. 5:57-63 '58.

(MIRA 13:10)

(Convergence) (Operators (Mathematics))  
(Functions, Discontinuous)

Basic questions on the pathogenesis, clinical picture, and treatment  
of brain insults. Voen.-med.zhur. no.9:11-17 S '59. (MIRA 13:1)  
(CEREBRAL HEMORRHAGE)

Basic principles of rehabilitative therapy following acute disorders  
in brain circulation. Voen.-med. zhur. no.5:26-30 My '60.

(CEREBRAL HEMORRHAGE)

(MIRA 13:7)

*CA*

II E

**B complex arthritamia.** N. D. Zytin. Ann. Am. (U.S.S.R.) 24, No. 12, 45-48 (1930). During the war a no. of cases were observed in which disturbances of the circulatory systems were combined with a more or less pronounced paresis of the extremities. It has been traced to B arthritamia, particularly in respect to B<sub>1</sub>. The most effective treatment was sicc. of the organism with B<sub>1</sub> administered intravenously. Convalescence is very slow, 6 to 12 months. G. M. Kostlapoff

ABR-SEA METALLURGICAL LITERATURE CLASSIFICATION

1930-1940

1940-1950

1950-1960

1960-1970

1970-1980

1980-1990

1990-2000

2000-2010

2010-2020

2020-2030

2030-2040

2040-2050

2050-2060

2060-2070

2070-2080

2080-2090

2090-2100

2100-2110

2110-2120

2120-2130

2130-2140

2140-2150

2150-2160

2160-2170

2170-2180

2180-2190

2190-2200

2200-2210

2210-2220

2220-2230

2230-2240

2240-2250

2250-2260

2260-2270

2270-2280

2280-2290

2290-2300

2300-2310

2310-2320

2320-2330

2330-2340

2340-2350

2350-2360

2360-2370

2370-2380

2380-2390

2390-2400

2400-2410

2410-2420

2420-2430

2430-2440

2440-2450

2450-2460

2460-2470

2470-2480

2480-2490

2490-2500

2500-2510

2510-2520

2520-2530

2530-2540

2540-2550

2550-2560

2560-2570

2570-2580

2580-2590

2590-2600

2600-2610

2610-2620

2620-2630

2630-2640

2640-2650

2650-2660

2660-2670

2670-2680

2680-2690

2690-2700

2700-2710

2710-2720

2720-2730

2730-2740

2740-2750

2750-2760

2760-2770

2770-2780

2780-2790

2790-2800

2800-2810

2810-2820

2820-2830

2830-2840

2840-2850

2850-2860

2860-2870

2870-2880

2880-2890

2890-2900

2900-2910

2910-2920

2920-2930

2930-2940

2940-2950

2950-2960

2960-2970

2970-2980

2980-2990

2990-3000

3000-3010

3010-3020

3020-3030

3030-3040

3040-3050

3050-3060

3060-3070

3070-3080

3080-3090

3090-3100

3100-3110

3110-3120

3120-3130

3130-3140

3140-3150

3150-3160

3160-3170

3170-3180

3180-3190

3190-3200

3200-3210

3210-3220

3220-3230

3230-3240

3240-3250

3250-3260

3260-3270

3270-3280

3280-3290

3290-3300

3300-3310

3310-3320

3320-3330

3330-3340

3340-3350

3350-3360

3360-3370

3370-3380

3380-3390

3390-3400

3400-3410

3410-3420

3420-3430

3430-3440

3440-3450

3450-3460

3460-3470

3470-3480

3480-3490

3490-3500

3500-3510

3510-3520

3520-3530

3530-3540

3540-3550

3550-3560

3560-3570

3570-3580

3580-3590

3590-3600

3600-3610

3610-3620

3620-3630

3630-3640

3640-3650

3650-3660

3660-3670

3670-3680

3680-3690

3690-3700

3700-3710

3710-3720

3720-3730

3730-3740

3740-3750

3750-3760

3760-3770

3770-3780

3780-3790

3790-3800

3800-3810

3810-3820

3820-3830

3830-3840

3840-3850

3850-3860

3860-3870

3870-3880

3880-3890

3890-3900

3900-3910

3910-3920

3920-3930

3930-3940

3940-3950

3950-3960

3960-3970

3970-3980

3980-3990

3990-4000

4000-4010

4010-4020

4020-4030

4030-4040

4040-4050

4050-4060

4060-4070

4070-4080

4080-4090

4090-4100

4100-4110

4110-4120

4120-4130

4130-4140

4140-4150

4150-4160

4160-4170

4170-4180

4180-4190

4190-4200

4200-4210

4210-4220

4220-4230

4230-4240

4240-4250

4250-4260

4260-4270

4270-4280

4280-4290

4290-4300

4300-4310

4310-4320

4320-4330

4330-4340

4340-4350

4350-4360

4360-4370

4370-4380

4380-4390

4390-4400

4400-4410

4410-4420

4420-4430

4430-4440

BORDETSKY, V.I., inzh.; ZYBIN, P.M., inzh.; ISAKOV, Yu.N., inzh.;  
D'YACHENKO, N.Kh., doktor tekhn.nauk, prof.; LIVENTSEV, F.L.,  
kand.tekhn.nauk, dotsent; MEL'NIKOV, G.V., kand.tekhn.nauk,  
dotsent.

A new gas pipe line compressor station with evaporation cooling of  
the gas motor compressors. Energomashinostroenie 10 no.1:27-29  
Ja '64. (MIRA 17:4)

BOBOREKO, E.A.; KALYUZHNYY, M.Ya.; CHAYKA, N.D.; ABRAMOVICH, M.M.; SHILOV, Yu.P.;  
DRUZHININA, A.T.; ZYBIN, S.Ye. (deceased); BATIKOV, L.S.

Improving the process of yeast growing on wood hydrolyzates.  
Gidroliz. i lesokhim.prom. 17 no.8:22-25 '64.

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidroliznoy  
i sul'fitno-spirtovoy promyshlennosti, Leningrad (for Boboreko,  
Kalyuzhnyy, Chayka, Abramovich). 2. Ivdel'skiy gidroliznyy zavod  
(for Shilov, Druzhinina, Zybin, Batikov). (MIRA 18:1)

FISHER, P.N.; KEYL', I.A.; VOROB'YEVA, G.I.; SHVARSKHOYN, B.M.; ALYAMOVSKAYA, T.S.; ZYBIN, S.Ya.; DRUZHININA, A.T.; SHILOV, Yu.P.

Growing yeast on hydrolysates from coniferous wood. Gidrolis.  
i lesokhim. prom. 16 no.5:7-12 '63. (MIRA 17:2)

1. Moskovskoye otdeleniye Gosudarstvennogo nauchno-issledovatel'skogo instituta gidroliznoy i sul'fitno-spirtovoy promyshlennosti (for Fisher, Keyl', Vorob'yeva, Shvartskroyh, Alyamovskaya).
2. Ivdel'skiy gidroliznyy zavod (for Zybin, Druzhinina, Shilov).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
ZYBIN, S.Ye.; BATIKOV, L.S.; DOLGOKHVOSTOV, I.A.

Experiments in the production of hydrolysates for growing yeast  
at the Ivdel' Hydrolysis Plant. Gidroliz. i lesokhim. prom.  
16 no.5;3-7 '63. (MIRA 17:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidrolyznoy  
i sul'fitno-spirtovoy promyshlennosti (for Korol'kov,  
Strizhevskaya, Likhovid, Paramonova). 2. Ivdel'skiy gidroliznyy  
zavod (for Zybin, Batikov, Dolgokhvostov).

ZYBIN S.Ye.

Horizontal percolation in the extraction-battery hydrolysis of  
wood. Gidroliz. i lesokhim. prom. 8 no.5:16-17 '55. (MLRA 9:1)

1. Director Khorskogo gidroliznogo zavoda.  
(Wood-Chemistry) (Hydrolysis)

Zybin, V. - "The fantastic and the Actual," (Concerning the speed-demon lathe-hand G. Borthevich. Sketch), Smena, 1949, No. 4, p. 4, with portrait.

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

VOROB'YEV, A.A.; VASIL'YEV, N.N.; SAMORODOV, L.M.; VORONTSOV, I.V.;  
PATRIKEYEV, G.T.; MAKARENKO, M.M.; Prinimali uchastiye:  
ANDROSHCHUK, S.M.; ZYBIN, V.D.; KORNEV, I.S.; NIKOLAYENKO,  
Yu.P.; CHERNOVA, V.A.; IGONINA, Yu.A.; MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.4: Botulin anatoxin type  
E. Zhur. mikrobiol., epid. i immun. 33 no.1:72-79 Ja '62.

(MIRA 15:3)

(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

L 42067-65 ENT(1)/ERA(j)/ERA(b)-2 JR

ACCESSION NR: AF5010902

US/0254/55/003/007/0092/0093

AUTHORS: Markovich, A. V.; Vorob'yev, A. A.; Vasil'yev, N. N.; Patrikeyev, O. T.; Yenichov, V. N.; Zybina, V. D.; Kornev, I. S.; Shevelev, V. N.; Aman'yeva, Ye. P.

TITLE: Botulitic anatoxins of types A and B. Class 30, No. 169751

23  
B

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 7, 1965, 92-93

TOPIC TAGS: anatoxin, toxic substance, botulism, inoculation

ABSTRACT: This Author Certificate presents botulitic anatoxins, purified, concentrated, and sorbed with aluminum hydroxide. To produce in the blood of the inoculated people the antitoxic titers of types A and B and of the order 1-3 AE/ml, one ml of each preparation is made to contain 1000 antigenic units (IU per one AE) of the corresponding anatoxins with specific activity of no less than 3000 EC/1 mg of total nitrogen and not over 3.5 mg of aluminum hydroxide.

ASSOCIATION: none

SUBMITTED: 18 May 60  
NO REF Sov: 000  
Card. 1/1 *ANAL*

ENCL: 00  
OTHER: 000

SUB CODE: LS

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

ANAN'YEVA, Ye.P.; Prinimali uchastive: ANDROSHCHUK, S.M.; IGOVINA, Yu.S.;  
SHMELEV, V.M.; MORDUYEVA, A.A.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.;  
CHERNOVA, Yu.S.; POYARKOVA, M.A.

Study of botulin anatoxins. Report No.1: Botulin anatoxin type A.  
Zhur. mikrobiol., epid. i immun. 32 no.9: 31-36 S '61. (MIRA 15'2)  
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

YANOVSKY, V.A.; VASIL'YEV, N.N.; YENICHEV, V.M.; PATRIKEYEV, G.T.;  
SHEVELEV, V.M.; ZYBIN, V.D.; KORNEV, I.S.; AYAN'YEVA, Ye.P.;  
Prinimali uchastlye: ANDROSHCHUK, S.M.; NIKOLAYENKO, Yu.P.;  
MAKAROVA, V.A.; CHERNOVA, Yu.S.; POYARKOVA, M.A.; IGOULINA, Yu.A.;  
MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.2: Botulin anatoxin type B,  
Zhur.mikrobiol., epid. i immun. 32 no.10:68-72 O '61. (MIRA 14:10)  
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

**VLASOV, Naum Il'ich; SAUTIN, Ivan Aleksayevich; ZYBIN, V. G., inzh.,**  
retsengen; RUBANOVNIK, Ye. A., ekonomist, red.; TKACHUN, A. I.,  
red.ind-va; UVAROVA, A. P., tekhn.red.; MODEL', B. I., tekhn.red.

[Organization and planning of material and technical supply  
and marketing of machinery plants] Organizatsiia i planirova-  
nie material'no-tehnicheskogo snabzheniya i sbyta mashino-  
stroitel'nykh predpriatii. Moskva, Gos.nauchno-tehn.izd-vo  
mashinostroit.lit-ry, 1959. 310 p. (MIRA 13:2)  
(Machinery industry) (Industrial management)

7646. ZYBIN, V. G. -- Kholodnaya shtampovka v mashinostroyenii. pod red. V. D. Golovleva. M., mashgiz, 1954. 280 s. ill. 27 sm. 3.000 ekz. 13R. 50K. v per. -- pered zagr. avt: G. N. Rovinskiy, S. V. Alabin, V. V. Filippov, K. A. Kalachev i V. G. Zybina. -- Bibliogr: s. 278(30 nazv.) --(55-3908)? 621.96 & (016.3)

SO: Knizhnaya Letopsis', Vol. 7, 1955

ZYBIN, Vladimir L'vovich; DAVITASHVILI, Mikhael Danilovich; SAVZDARG,  
V.E., red.; DEYSEVA, V.M., tekhn.red.

[Tat'iana Chkhaidze, prominent tea grower] Znatnyi chaevod  
Tat'iana Chkhaidze. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960.  
70 p. (MIRA 14:1)

(Georgia--Tea)

FADEYEV, Sergey Pavlovich[deceased]; ZYBIN, V.P., doktor tekhn.  
nauk, retsenzent; POKROVSKIY, A.M., kand. tekhn. nauk,  
dots., nauchn. red.; FUFAYEVA, G.I., red.

[Preparation of a course project on machine parts] Kurso-  
voe proektirovanie detalei mashin. Moskva, Vysshiaia shkola  
1964. 302 p. (MIRA 18:2)

1. Zaveduyushchiy kafedroy "Detali mashin" Vsesoyuznogo  
zaochnogo mashinostroitel'nogo instituta (for Zybin).

ZYBIN, Yu., inzh.

Assembly of a gasholder with a capacity of 20,000 m<sup>3</sup> made of rolled stock.  
Prom. stroi. i inzh. scor. 4 no.1:40-43 Ja-F '63. (MIRA 16:3)  
(Gasholders)

SOLOV'YEV, F.A., inzh.; ZYBIN, Yu.I., inzh.

Erection of poles of electric transmission lines using an auxiliary tower. Mont. i spets. rab. v stroi. 25 no. 5:19-21 My '63.

(MIRA 16:7)

1. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya  
i trest Krovorozhstal'konstruktsiya.

(Electric lines—Poles and towers)

ZYBIN, Yu.I.; SOLOV'YEV, F.A., inzh.

New method of erecting the supports for electric power transmission lines and installations of the tower type. Prom. stroi. 41 no.11:32-35 N '63. (MIRA 17:2)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut Ukrglavstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.; SOLOV'IEV, F.A., inzh.

Ways to improve the design details and methods of assembling the  
gas purification of a blast furnace. Prom. stroi. 40 [i.e. 41]  
no.4:46-49 Ap '63. (MIRA 16:3)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy  
proyektnyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu  
stal'nykh konstruktsiy i mostov.

(Blast furnaces—Equipment and supplies)  
(Gases—Purification)

KOCHETKOVA, T.S., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Effect of leather topography on the lowering of strength in stretching after a needle puncture. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.2:97-104 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvi.  
(Leather--Testing)

KOCHETKOVA, T.S., inzh.; PROKHOROVA, Z.V., inzh.; ZYBIN, Yu.P., doktor  
tekhn.nauk, prof.

Scientific method of designing the inside shape of footwear. Izv.  
vys.ucheb.zav.; tekhn.leg.prom. no.2:50-57 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.  
(Shoe manufacture)

ANOKHIN, D.I., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Studying the moldability properties of shoe upper blanks. Izv.vys.  
ucheb.zav.; tekhn.leg.prom. no.2:67-72 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut lekkoj promyshlennosti.  
Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.  
(Shoe manufacture)

PEREL'MITER, V.I., inzh.; ZIBIN, Yu.P., doktor tekhn.nauk, prof.

Method for investigating the deformation of shoe uppers. Izv.vys.  
ucheb.zav.; tekhn.leg.prom. no,5:64-69 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
Rekomendovana kafedroy tekhnologii izdeliy iz koshi.  
(Shoe manufacture) (Strength of materials)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZIBIN, Yu.P., doktor tekhn.nauk, prof.

Early Russian footwear from the 12th to the 16th century. Report No.3;  
Footwear found in Moscow excavations in 1953. Izv.vys.ucheb.zav.;  
tekh.leg.prom. no.5:84-85 '60. (MIRA 13:11)  
(Moscow Province--Antiquities) (Boots and shoes)

323240  
"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZIBIN, Yu.P., doktor tekhnicheskikh nauk, professor; STESHEV, I.I., retsenzent;  
VITOVICHADOV, A.P., retsenzent.

[Technology of footwear] Tekhnologija obuvi. Moskva, Gos. nauchno-tekhn.  
izd-vo Ministerstva promyshlennych tovarov shirokogo potrebleniia SSSR,  
1953. (MLRA 7:6)

(Shoe industry)

ZYBIN, V.P., dots.; ROMANOV, M.Ya., inzh.

Investigating auromatic drive switches in semiautomatic sewing  
machines of 18th, 25th, and 29th grades. Izv.vys.ucheb.zav.;  
tekhn.leg.prom. no.5:119-129 '58. (MIRA 12:2)

1. Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti.  
(Sewing machines) (Automatic control)

DODONOV, B.P.; ZUBIN, V.P., prof., red.

[Hoisting and conveying devices; manual for students specializing in mechanics and technology] Podzemno-transportnye ustroistva; uchebnoe posobie dlja mekhanicheskikh i tekhnologicheskikh spetsial'nostei. Moskva, Vses. zaochnyi in-t tekstil'noi i legkoi promyshl., 1964. (MIRA 18:5) 159 p.

ARKHIPOV, Nikolay Nikolayevich; KARFACHEV, Pavel Spiridonovich;  
MAYZEL', Maks Mikhaylovich, doktor tekhn. nauk, prof.;  
PLEVAKO, Nikolay Alekseyevich; ZAYONCHIKOVSKIY, A.D., doktor  
tekhn. nauk, prof., retsenzent; ZOLOTOV, V.I., inzh., retsen-  
zent; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; KAPUSTIN,  
I.I., doktor tekhn. nauk, prof., retsenzent; KOZLOV, B.A.,  
inzh., retsenzent; POPOV, S.M., doktor tekhn. nauk, prof.,  
retsenzent; EPPEL', S.S., kand. tekhn.nauk, dots., retsen-  
zent; MINAYEVA, T.M., red.; SHVETSOV, S.V., tekhn. red.

[Basic processes, machinery, and apparatus of light industry]  
Osnovnye protsessy, mashiny i aparaty legkoi promyshlennosti.  
[By] N.N.Arhipov i dr. Moskva, Izd-vo nauchno-tekhn. lit-ry  
RSFSR, 1961. 491 p. (MIRA 15:2)

(Industry)

ZYBIN, V.P.

[Shoe machinery and tools] Mekhanizmy i instrumenty obuvnykh mashin.  
Moskva, Gos.izd-vo Ministerstva legkoi i pishchevoi promyshlennosti,  
1953. 150 p.

(MLRA 7:2)

(Shoe machinery)

FADEYEV, Sergey Pavlovich [deceased]; ZYBIN, V.P., doktor tekhn.  
nauk, retsentent; POKROVSKIY, A.M., kand. tekhn. nauk,  
dots., nauchn. red.; KOLODYAZHNAYA, Zh.A., red.

[Design of machine parts; collection of problems] Raschety  
detalei mashin; sbornik zadach. Moskva, Vysshiaia shkola,  
1964. 180 p. (MIRA 18:3)

1. Zaveduyushchiy kafedroy "Detali mashin PTU" Vsesoyuznogo  
zaochnogo instituta tekstil'noy i legkoy promyshlennosti  
(for Zybin).

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

KORNEV, I.S.; VENICHEV, V.M.; MORDUYEVA, A.A.; IGONINA, Yu.A.; PATRIKEYEV, G.T.;  
ANDROSHCHUK, S.M.; ZIBIN, V.D.; SHISHULINA, L.M.

Culture media other than meat extracts for the preparation of  
A and B botulin anatoxins. Vak. i syv. no.1:3-11 '63.

(MIRA 18:8)

## PAGE 1 BACK EXPLANATION

SERV/399

Borrelli, radiobiologicheskii i dosimetricheskii metod (Collection of Radiochemical and Dosimetric Methods), Moscow, 1959, 459 p. Printed 1959 numbered, 9,000 copies printed.

See, first page: N.I. Borrelli, V.F. Karpov, A.M. Kavtsev, V.M. Tsvetkov, N.I. Kholod, Instrumental'naia (Radioactive) dosimetry, Lab. Radiol. Nauk, Ed. A.I. Kholod, 1962.

PURPOSE: The collection of methods to estimate the radioactive contamination and dose which occurs, changes and other specialists working in radioactive dosimetry.

CONTENTS: This work discusses the following subjects: (1) principles of quantitative radiation and dosimetry control in protection work, (2) methods of estimating with radioactive substances; (3) radiochemical and chemical methods for determining certain radioactive substances in samples of air, water, soil and foodstuffs; (4) physical methods of measuring contamination of the level of radioisotope doses and materials, and methods for determining the level of contamination of certain substances; (5) methods of estimating the activity of solid and liquid radioactive sources. There are four appendices dealing with methods of estimating the total doses from sources of ionizing radiation units of activity, and doses from natural (background) radioactivity in the radiation field of atomic energy installations observed during transportation, storage and handling of nuclear energy installations (the discussion is limited to units of the radiation field of atomic energy installations). The author (N.I. Borrelli) and the editor (V.F. Karpov) have written the preface.

Ch. I. - PHYSICAL PRINCIPLES OF DETERMINING CONTAMINATION IN THE ENVIRONMENT. APPENDIX: DOSE TO RADIATION-SENSITIVE SUBSTANCES AND GASES

Introduction (Yu. M. Shustakherov) 254

1. Determination of the active concentration of naturally radioactive substances (G.V. Gorobets, V.V. Belyaev, V.M. Karginov) 256

2. Determination of the radioactive dose-contaminant of air with the aid of membrane filters (Yu. L. Lammert) 269

3. Determination of the concentration of active substances with the aid of the chemical precipitation-type 27-2 (Yu.M. Karginov and Yu. V. Karginov) 285

4. Measurement of active dosimetry with the aid of liquid filters (I.M. Savery and Yu. N. Savery) 297

5. Radiation dosimetry of radioactive gases by means of an ionization chamber (L.D. Pleshchakov and A.D. Pleshchakov) 306

6. Determination of effective air concentration due to radioactive gases and materials (B. P. Novikov, Yu. M. Borrelli, Yu. N. Belyaev) 320

7. Measurement of the concentration of radon in the air (Yu. N. Belyaev and Yu. M. Karginov) 321

8. Measurement of the concentration of active gases in the air by means of an air valve chamber (Yu. M. Karginov, Yu. N. Belyaev, and Yu. M. Shustakherov) 325

9. Determination of concentration of beta-active gases in the air with the aid of a dosimetric counter placed in a chamber of fixed volume (V.V. Belyaev) 327

## BIBLIOGRAPHICAL LITERATURE

## Ch. VI. Methods of Measuring the Level of Contamination of Surfaces

## Introduction (Yu. M. Shustakherov) 329

1. Instruments for measuring the maximum permissible level of contamination on surfaces by active substances (Yu.M. Shustakherov) 329
2. Calibration of instruments for measuring the contamination by active substances (Yu.M. Shustakherov) 330
3. Measuring the contamination of fixed surfaces (furniture, equipment and installations) (Yu.M. Shustakherov) 336
4. Checking special cleaning for radioactive contamination (Yu. M. Savery and M. Savaryshchikov) 366
5. Determining the radioactive contamination of the hands and body (Yu.M. Shustakherov) 371
6. Determining the radioactive contamination of surfaces by the smear method (I.M. Savery, Yu. Shustakherov and E. Orlina) 373

## Ch. VII. Methods of Measuring External Doses of X and Gamma Radiation (U.Ia. Margolin and B.M. Savery)

## Introduction

1. Organization of dosimetric monitoring

2. Calibration of dosimeters

ZYBIN, Yuryi Antonovich, inzh.; SAMOSATSKIY, Nikolay  
Nikolayevich, inzh.

[Filled fluoroplasts] Napolnennye ftoroplasty. Kiev,  
Tekhnika, 1965. 73 p. (MIRA 18:10)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"  
ZYBIN, Yu.I., inzh.; GUT, A.M., inzh.; SOLOV'YEV, F.A., inzh.

Rapid erection of a head frame during the reconstruction of a mine.  
Shakh't stroi. 8 no.1:21-23 Ja '64. (MIRA 17:4)

1. Trest Krivorozhstal'konstruktsiya (for Gut). 2. Gosudarstvennyy  
proyektnyy institut Ukrprojektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu. I., inzh.; SOLOV'YEV, F. A.

Assembly of cylindrical wells made of precast reinforced concrete. From stroi 41 no. 12:32-33 D '63. (MIRA 17;5)

1. Trest Krivorozhstal'konstruktsiya (for Zybin).
2. Gosudarstvennyy proyektnyy institut Ukrprojektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.

Experiment in the installation of a coal loader. Prom.stroi. 41  
no.9:8-10 S '63. (MIRA 16:11)

1. Trest Krivorozhstal'konstruktsiya.

ZYBIN, Yu.I., inzh.

Use of an ejector in testing welded seams. Mont. 1 spats. rab.  
v stroi. 24 no.8:24-25 Ag '62. (MIRA 15:8)

1. Trest Krivorozhstal'konstruktsiya.  
(Air ejectors)

ZYBIN, Yu.P., professor; AIMATUK D.A., kandidat tekhnicheskikh nauk;  
GRUVER, M.G.

Lengthening the wear of shoes by a new last design. Leg.prom.14 no.5:  
18-19 My '54.  
(Boots and shoes)

IVANOV, B., inzhener.

"Technology of shoemaking." IU.P.Zybin. Reviewed by B.Ivanov.  
Leg.prom. 14 no.8:52-54 Ag '54. (MIRA 7:8)  
(Shoe industry) (Zybin, IU.P.)

ZYBIN, Yuriy Petrovich, doktor tekhnicheskikh nauk, professor; STESHOV, I.I., retsenzent; VINOGRADOV, A.P., retsenzent; MINAYEVA, T.M. redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor.

[Technology of footwear] Tekhnologija obuvi. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva promyshlennnykh tovarov shirokogo potrebleniia SSSR, Pt. 2, 1955. 446 p. (MLRA 8:10)  
(Shoe industry)

27 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.P., prof.

Designing a series of lasts and footwear based on the "geometrical" rule. Leg. prom. 16 no.8:38-42 Ag '56. (MIRA 10:12)  
(Lasts) (Shoe industry)

"APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R002065720017-1"  
KOZLOVA, T.V.; ZYBIN, Yu.P.

Design of shaped upper parts. Leg.prom.[16] no.11:25-27 N '56.  
(Shoe industry) (MILRA 10:1)

KOTEL'NIKOV, V.N., kand.tekhn.nauk; CHENTSOVA, E.I., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk; KOCHETKOVA, T.S.; ZAKATOVA, N.D., kand.tekhn.nauk; GUBAREV, A.S., kand.tekhn.nauk; SHVETSOVA, T.P., inzh.; VOROB'YEVA, A.A., kand.tekhn.nauk; MIRSKIY, V.I., inzh.; NISNEVICH, Ye.A., kand.tekhn.nauk; GOLODSETEYN, A.V., inzh.; KALASHNIKOVA, T.A., inzh.; SHUSTOROVICH, M.B., kand.tekhn.nauk; MOREKHODOV, G.A., inzh.; ZAKHAROV, S.R., retsenzent; BLAGOVESTOV, B.K., retsenzent; STRONGINA, O.P., retsenzent; SHMIDT, M.I., retsenzent; ZUYEV, V.T., retsenzent; KOSAREV, M.I., retsenzent; STEPANOV, I.S., retsenzent; RAMM, S.N., retsenzent; PEVZNER, B.M., retsenzent; VEYNBERG, I.A., retsenzent; TURBIN, A.S., retsenzent; SMIRNOVA, Ye.V., retsenzent; BUGOSLAVSKAYA, L.A., retsenzent; GAMOVA, A.S., retsenzent; KHANIN, N.M., retsenzent; MURVABIDZE, D.S., red.; FLEMYANNIKOV, N.N., red.; GRACHEVA, A.V., red.; MUSDVERDEV, L.Ya., tekhn.red.

[Shoemaker's handbook] Spravochnik obuvshchika. Vol.1. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl. 1958. 540 p. (MIRA 12:4)

1. Gosudarstvennaya Ordona Lenina i Ordona Trudovogo Krasnogo Znaniya obuvnaya fabrika "Skorokhod" imeni Ya.Kalinina (for Zekharov, Blagovestov, Strongina, Shmidt, Zuyev, Kosarev, Stepanov, Ramm, Pevzner, Veynberg, Turbin, Smirnova, Bugoslavskaya, Gamova, Khanin).  
(Shoe manufacture)

Factors affecting the finish quality of leather sole butts.  
Izv. vys.ucheb.zav.; tekhn.leg. prom. no.1:67-73 '58. (MIRA 11:6)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Shoe manufacture)

BARYKIN, A.M., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk

Regularity in the distribution of usable parts of suslik skins.  
Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:14-24 '53.

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Fur) (MIRA 11:10)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZIBIN, Yu.P., prof., doktor tekhn. nauk,

Ancient Russian footwear from the 12th to the 14th centuries.  
Izv.vys.ucheb.zav.; tekhn.leg.prom. no.4:36-44 '58. (MIRA 11:12)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Boots and shoes)

Ancient Russian footwear from the 12th to 16th century. Izv.vys.  
ucheb.xav.; tekhn.leg.prom. no.6:33-40 '58. (MIRA 12:4)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Shoe industry)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.P., doktor tekhn.nauk, prof.; SANTALOVA, Z.V., kand, tekhn.nauk

Forming conditions of chrome-tanned leather surfaces. Leg.prom.

18 no.4:24-27 Ap '58.  
(Leather work)

(MIRA 11:4)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

AKULOVA, T.Ye.; UL'YANITSKIY, V.A.; ZYBIN, Yu.P.

Measuring deformations with a mercury strain gage. Leg.prom.  
18 no.6:23-26 Je '58. (MIRA 12:10)  
(Strain gages) (Shoe industry)

OBIN, T.U.T., PRIBORA, L.I.

Polishing the bottom side of leather sole. Leg.prom. 18 no.12:  
15-17 D '58. (MIRA 11:12)  
(Shoe manufacture)

ZYBALOVA, G.P.

Changes in the permeability of Angren coal during the process of its  
drying and heat treatment. Podzem.gaz.ugl. no.1:28-31 '58.

(MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut podzemnoy  
gazifikatsii ugley.  
(Coal--Permeability)

GOLUBEV, Yu.B.; ZYBALOVA, G.P., kand.tekhn.nauk; PETUKHOVA, N.N.; SHCHAD'KO, A.M.

Gas formation dynamics in the gasification of a lignite seam  
at the experimental "Podzemgaz" gas generator station in the  
Angren Basin. Trudy VNIIPodzemgaza no.13:11-17 '65.

(MIRA 18:8)

1. Laboratoriya tekhnologii podzemnoy gazifikatsii uglya Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii ugley.

BOLTANOVA. Z.M. & ZYBAIOVA, R.F.

Detection of bacterial pollution of preserved blood and its components.  
Gemat. i perel. krovi 1:125-128 '65. (MIRA 18:10)

1. Kiyevskiy institut perelivaniya krovi i Kiyevskaya gorodskaya  
stantsiya perelivaniya krovi.

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1"

ZYBAREV, A.; PAKHOLKOV, D.

New heating system for the ZIL-158 motorbuses. Avt.transp.  
38 no.1:40-41 Ja '60. (MIRA 13:5)  
(Motorbuses)

Technology

Preparation of production at an automobile plant, Moskva, Mashgiz, 1950

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

ZIBAYLO, A.V.

Simplifying the handling and form of technical records. Avt. trakt. prom.  
no.11:4-6 N '54. (MIRA 8:1)

1. Moskovskiy avtozavod im. Stalina.  
(Automobile engineering) (Factory management)

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1"

ZYBAYLO, Aleksey Vasil'yevich; SHEVELEV, A.G., inzh., retsenzent; LEVIN-  
SON, Ye.M., inzh., red.; RADAYEVA, Z.A., red. izd-va; EL'KIND, V.D.,  
tekhn. red.

[Organizing preliminary activities in the mass manufacture of machinery]  
Organizatsiia podgotovki proizvodstva v massovom mashinostroenii. Mo-  
skva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 234 p.  
(MIRA 14:9)

(Factory management)

ZYBAYLO, I. I.

Ways of lowering the production costs in chemical working circles.  
Gidroliz. i lesokhim.prom. 10 no.5:23-24 '57. (MLRA 10:8)

1. Ivatsevichskiy khimleskhoz.  
(White Russia--Forest products--Costs)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

UVAROVA, Z.A.; KOROL', G.S.; ZYBENKO, L.D.; Gerasimenko, G.

Effect of ammonium carbonate on certain physiological features in  
corn. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.1:52-56 '61.  
(MIRA 14:4)

(Ammonium carbonate—Physiological effect)  
(Corn (Maize))

ZYBIN, A.

More production with less spending. MTO no.11:17-18 N '59.  
(MIRA 13:4)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-  
tekhnicheskogo obshchestva sel'skogo i lesnogo khozyaystva  
zernosovkhoza "Grachevskiy," Stavropol'skiy kray.  
(Stavropol Territory--Agricultural research)

USSR/Farm Animals 2001

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26248

Author : Zybin, N.

Inst : Not Given

Title : A Valuable Animal Feed for Fowls (Tsennyy zhivotnyy korm dlya ptitsy)

Orig Pub : S. kh. Sibiri, 1957, No 5, 61-65

Abstract : An experiment was carried out into raising of chicks by supplementing feed rations with fresh-water shrimp (Gammarus). Feeding fresh shrimps to the chicks started from 2-3 days of age. Daily average per head was: during the first ten days 2-4 g., during the next ten days 4-8 g., subsequent ten days 8-12 g., at 2 months of age 20 g., at 3 months 30 g., and grown-up chicken 60-70 g. of fresh, or 15-18 g. of dried shrimps. The feeds had a positive influence on the growth, development, and survival of the young chickens. There was no chicken pest in the experimental group of 840 heads. The average chickens' weight at 2 months of age was 693 g. as

Card : 1/2

53

USSR/Farm Animals -- Domestic Fowls

Q-6

Abs Jour : Rof Zhur - Biol., No 6, 1958, No 26248

against 651 g. in the control group; young hens started laying eggs at 5 months of age - earlier than in the control group. The article gives available published data regarding the effectiveness of the use of Gammarus as a food for chickens. The ways of catching and drying Gammarus in the summer and winter, as well as the economical profitableness of its utilization, are indicated.

Card : 2/2

KOMAROV, V.S., inzh.; ZYBIN, A.G., inzh.

Control and protection of double fans in local ventilation.  
Izv. vys. ucheb. zav.; gor. zhur. no.8:162-167 '61. (MIRA 15:5)

1. Vostochnyy nauchno-issledovatel'skiy institut po  
bezopasnosti rabot v gornoj promyshlennosti. Rekomendovana  
Vostochnym nauchno-issledovatel'skim institutom po bezopasnosti  
rabot v gornoj promyshlennosti.

(Fans, Electric)

ZYBIN, A. S.: Master Biol Sci (diss) -- "The lake crayfish (*Gammarus Rivulogammarus lacustris* G. O. Sars) and the outlook for its economic exploitation on the basis of experimental data". Omsk, 1958. 25 pp (Tomsk State U im V. V. Kuybyshev), 200 copies (KL, No 6, 1959, 129)

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1"

ZYBIN, A.3.

The pike perch in the Irtysh. Izv. Omsk. otd. Geog. ob-va no.6;  
119-120 '64. (MIRA 18:9)

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

YASENEVA, R.V.; ZYBIN, A.Yu.

Method for determining velocity of the lower clamps of the RT-250  
tearing machine used in testing fabrics. Kosh.-obuv.prom. no.4:  
17-19 Ap '59. (MIRA 12:7)  
(Testing machines) (Textile fabrics--Testing)

Use of Butcher drums for drying grain and malt. D. Yuditskii, G. Zyblin and T. Shumskaya. *Spoislo-Vnukovskiy Prom.*, No. 6, 36-7 (1939).—The drums of Butcher malt grain driers can be used successfully for drying wet grain or malt down to 11-12% moisture in about 2 hrs. under mild conditions, with gas entering the drum at about 60 and leaving at about 30. Julian E. Smith

Julian F. Smith

434-554 METALLURGICAL LITERATURE CLASSIFICATION

卷之三

Let's remunerate locomotive brigades per each kilometer-ton.  
Sots. trud. no. 4:136-137 Ap '58. (MIRA 11:4)  
(Railroads--Salaries, pensions, etc.)

ZYBIN, I.

The wage schedule for locomotive brigades requires revision. Sots. trud. no. 3:  
112-115 Mr '56. (MLRA 9:7)  
(Railroads--Salaries, pensions, etc.)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ЗЫЕВ, А.М., полковник медицинской службы ФСБН, полковник медицинской службы

Diagnosis and expertise of patients with acute gastric and duodenal diseases.  
Voen.-med. zhurn. no.9837-42 '64. (M28 1825)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.A.; SAMSONOV, V.G.; KHARAKHACH, V.G.; DORFMAN, E.M.

Lined plastics and their testing. Plast. massy no.7:64 '65. (MIRA 18:7)

PHASE I BOOK EXPLOITATION 149

Akademiya nauk SSSR. Institut nauchnoy i tekhnicheskoy informatsii

Pribory i stendy. Tema 5, No. P-56-475 (Instruments and Instrument Stands. Topic 5, No. P-56-475) Moscow, 1956, 10 p. 1,620 copies printed.

Additional Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov SSSR po novoy tekhniki.

Chief Ed.: Udal'tsov, A. N.; Ed.: Yakovlev, D.A., Engineer.

PURPOSE: This booklet is addressed to those interested in the technique and metering instruments used in the measurement of very low resistances and to earth physicists interested in metering technique in measuring the susceptibility of rock samples.

COVERAGE: The booklet contains two articles, one describing a pulse microohmmeter, the other an absolute permeability meter.

Card 1/3

Instruments and Instrument Stands (Cont.)      149

TABLE OF CONTENTS:

Iraniy, P. B., Engineer. A Pulse Michrohmmeter      3

The article describes an instrument for measuring very low contact resistances (on the order of 1 microhm). Such meters are used, for example, in measuring bus connection resistances on the order of 0.1 to 5 microhms. The ammeter-voltmeter method for obtaining a visible deflection of the needle on a 10 mv scale is described. The method requires very high testing currents, on the order of 100 amperes when measuring 1 microhm. The author describes the microhmmeter developed by him at the "Uralelektrapparat" factory (author's certificate No. 94385). The operating principle of the instrument is based on the generation of high current (200 to 300 amperes) pulses. Fig. 1 is a circuit diagram of a microhmmeter for measuring low resistances (from 2 to 5,000 microhms) under shop conditions. Fig. 2 is a circuit diagram of a microhmmeter for measuring low resistances (in the  $0.1 \cdot 10^{-6}$  to 10 ohm range) in a closed circuit through the secondary coil of a stepdown transformer. Fig. 3 is a photograph of the apparatus used for checking the contact system of the MKP-110 oil circuit breaker. Fig. 4 is a structural and connection diagram of the instrument used to check the contact system of the VMG-133/111 oil circuit breaker. A table of pulse transformer coil winding data is given.

Card 2/3

Instruments and Instrument Stands (Cont.) 149

There is one Soviet reference.

Zybin, K. Yu. An Absolute Permeability Meter

9

This instrument was developed by A.G. Kalashnikov at the Institute of Earth Physics, AN SSSR. The report is accompanied by a schematic diagram of the fluxmeter in circuit. Formulas are given for calculating susceptibility, flux, etc. The design and principle of operation of the instrument are described. The instrument is used in measuring the susceptibility of rock samples. There are no references.

AVAILABLE: Library of Congress

Card 3/3

JP/mas  
11-5-58

"Some results of observing the variation vector of the horizontal component of the geomagnetic field."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

"Some laws in the behaviour of the vertical component of short-period oscillations of the geomagnetic field of stable regime (Pc)."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

S/049/60/000/02/006/022  
E131/E459

1000

AUTHOR:

Kalashnikov, A.V. and Zybin, K.Yu.

TITLE:

Some Results of Investigating the Variations of the  
Horizontal Component of the Geomagnetic Field (From  
Observations During the I.G.Y.)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya,  
1960, Nr 2, pp 236-242 (USSR)

ABSTRACT:

The investigations were carried out by the Station "Borok" of the Institute of Physics of the Earth, Academy of Sciences USSR (58°02' N and 38°58' E). A three-component assembly was employed giving the variations of  $H_x$ ,  $H_y$  and  $H_z$  of the geomagnetic field. The vertical component was recorded by means of a mesh placed horizontally in the earth, the total surface of which was  $15700 \text{ m}^2$ . The sensitivity of the  $Z$ -channel was  $1.4 \times 10^{-2} \text{ y/mm}$ . Examples of recordings of the variations of all three components are illustrated in Fig 2. Vector diagrams of the variations of the horizontal components were plotted showing the amplitudes of the horizontal components  $H_x$  and  $H_y$  for a given instant (Fig 3). The curves thus obtained enclose an elongated area, the azimuth of the longer

S/049/60/000/02/006/022  
E131/E459

Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

axis having predominantly a direction NW to SE, ie the mean azimuth was found to be  $38^\circ$  (Fig 4). It was found that the diurnal rotation of the vector was predominantly anti-clockwise. Out of 456 cases, 258 rotations were anti-clockwise, 146 clockwise and 52 were variable (Fig 5, 6 and 7). The diagram of the relationships

$$E_x/H_y, E_y/H_x \text{ and } E/H = \sqrt{E_x^2 + E_y^2} / \sqrt{H_x^2 + H_y^2}$$

was also produced (Fig 8) in order to illustrate the relationship between the amplitude of the variations of the electric field and those of the magnetic field. The cause of these variations could be the effect of electric eddies in the ionosphere at the heights of 100 km and

X

Card 2/3

8094

S/049/60/000/02/006/022  
E131/E459

Some Results of Investigating the Variations of the Horizontal  
Component of the Geomagnetic Field (From Observations During the I.G.Y.)  
above. There are 8 figures and 1 Soviet reference.

ASSOCIATION: Akademiya nauk SSSR Institut fiziki Zemli  
(Academy of Sciences, Institute of Physics of the Earth)

SUBMITTED: August 6, 1959

Card 3/3

82706

S/049/60/000/006/002/002  
E073/E535

3.9000

AUTHORS: Bol'shakova, O.V., Zybin, K. Yu. and Mal'tseva, N.F.

TITLE: Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1960, No.6, pp.818-827 + 1 plate

TEXT: The authors evaluate the results of observations carried out in the following three geophysical stations of the Institute of Physics of the Earth, AS, USSR during the first six months (August, 1957 to January, 1958) of the I.G.Y.: Lovozero (Murmansk region) - 67° 58' northern latitude, 35° 05' eastern longitude; Borok (Yaroslavl region) - 58° 02' northern latitude, 38° 58' eastern longitude; Petropavlovsk-Kamchatskiy - 53° 06' northern latitude, 158° 38' eastern longitude.

The primary evaluated data are the 24 hour photographic recordings of fluxmeter induction apparatus with a 90 mm/hr scanning speed.

Card 1/4

82706

S/049/60/000/006/002/002  
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (In accordance with observations carried out during the I.G.Y.)

The authors investigated the frequency spectrum of the field of the short period fluctuations, the daily characteristic of the times of occurrence of short period fluctuations, the daily characteristic of the average maximum amplitude of the short period fluctuations and their behaviour as a function of the geographic distribution of the observation points. The data are described in considerable detail. For the purpose of elucidating generally valid amplitude relations, the authors introduce the term "degree of Pc activity" and investigate its behaviour. The degree of Pc activity was selected in the same way as the international geomagnetic activity characteristics. However, in the given case the amplitude of fluctuations with periods of 10 to 50 secs during each hour of the 24 hour day was evaluated at 0.1 to 2 Bands. On the basis of the obtained results the following conclusions are arrived at:

1) The short period fluctuation spectrum in the range between  
Card 2/4

82706

S/049/60/000/006/002/002  
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

10 and 90 secs is a discrete one, the probability of appearance of fluctuations differs for differing periods.

2) According to the daily characteristic of the number of cases of occurrence of short period fluctuations of various periods, the spectrum can be divided into groups of 20 to 30 and 60 to 90 secs monitored ("controlled") according to local time and a 40 secs group monitored ("controlled") by world time.

3) The daily characteristic of the average maximum amplitude of the short period fluctuations of various periods obeys a general law and is monitored in accordance with local time.

4) The group of fluctuations with periods between 60 and 90 secs observed at the station Borok obeys laws similar to those pertaining to the Pc type fluctuations.

5) The degree of activity Pc evaluated according to 3-ball scale enables comparing the relations governing the behaviour of short period fluctuations of the Pc type with appreciably differing

Card 3/4

82706

S/049/60/000/006/002/002  
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

amplitudes at various stations. The degree of activity  $P_c$  has a clearly pronounced daily variation with a half-daily maximum. It proceeds in accordance with the local time, it has a seasonal character and indicates a tendency towards a latitude shift, i.e. the maximum degree of activity  $P_c$  will occur earlier at the stations in the higher latitudes.

6) Disturbances with periods below 50 secs should be subdivided into proper  $P_c A$  disturbances and disturbances of the same period which occur in absence of stable fluctuations of the given period (the latter is particularly characteristic for polar stations). Acknowledgments are expressed to G. N. Petrova who directed the work and to the following who jointly with the personnel of the geophysical stations participated in evaluating the obtained experimental material: G.M.Solodovnikov, K.Ya. Sergyeva, L.V. Kopeleva, L.V.Pestretsova, V.V.Sperantov, L.A.Nabatnikova and R.S. Rybak. There are 12 figures and 2 tables.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences USSR, Institute of Physics of the Earth)

Card 4/4  
SUBMITTED: August 6, 1959

ZYBIN, K. YU., SHEPETNOV, R.V., ROKITYANSKAYA, D.A., TROITSKAYA, V.A.,  
and ROKITYANSKY, I.I.,

"The Connection of Pc and Pt Pulsations with Magnetic Storms,"

report presented at the Intl. Conference on Cosmic Rays and  
Earth Storms, Kyoto, Japan, 4-15 Sept 1961.

PHASE I BOOK EXPLOITATION

SOV/5215

Akademiya nauk SSSR. Mezhdunarodnyy komitet po provedeniyu  
Mezhdunarodnogo geofizicheskogo goda. III razdel programmy MGG:  
Zemnoy magnetizm i zemnye toki.

Korotkoperiodicheskiye kolebaniya elektromagnitnogo polya zemli  
(Short-Period Oscillations of the Earth's Electromagnetic  
Field) Moscow, Izd-vo AN SSSR, 1961. 114 p. 1,800 copies  
printed (Series: Its: Sbornik statey, No. 3)

Resp. Eds.: A. G. Kalashnikov, Doctor of Physics and Mathematics,  
and V. A. Troitskaya, Candidate of Physics and Mathematics;  
Ed.: Ye. P. Shchukina; Tech. Ed.: Ye. V. Makuni.

PURPOSE: This publication is intended for geophysicists.

COVERAGE: This collection of articles, published by the Inter-  
departmental IGY Committee of the USSR Academy of Sciences,  
treats problems of geomagnetism and telluric currents. Indi-  
vidual articles deal with various (short-period, gigantic,

Card=1/5

**Short-Period (Cont.)**

SOV/5215

steady, etc.) oscillations of the terrestrial electromagnetic field, particularly in the arctic region. No personalities are mentioned. Brief English abstracts accompany each article. References follow individual articles.

**TABLE OF CONTENTS:**

Afanas'yeva, V. I. Short-Period Oscillations of the Earth's Magnetic Field

11

Kebuladze, V. V. Some Regularities of the Disturbed Field of Earth Currents

11

Okhatsimskaya, M. V., Yu. B. Rastrusin, I. I. Rokityanskiy, and R. V. Shchepetnov. Regularities in the Excitation of Short-Period Oscillations in Middle Latitudes

17

Vinogradov, P. A. Short-Period Oscillations of the Electrotelluric Field (According to Observations in Irkutsk)

23

~~Card 2/5~~

Short-Period (Cont.)

SOV/5215

Dubrovskiy, V. G. Rapid Geoelectric and Geomagnetic Variations and Their Regularities (According to Observations in Ashkhabad) 35	
Troitskaya, V. A. Steady Oscillations and Chain Oscillations in the Arctic and Antarctic	41
Zubareva, E. P. Preliminary Results of Earth Current Observations in Tiksi Bay	62
Nikitina, N. M. Preliminary Results of Earth Current Observations at the Barentsburg Station (Spitsbergen)	69
Zubareva, E. P., G. I. Korobkova, N. M. Nikitina, and V. A. Troitskaya. Gigantic Pulsations in the Soviet Arctic During the 1935-1956 Period	76
Barsukov, O. M., and K. Yu. Zybin. Nonperpendicularity of the Vectors of the E and H Variations of the Earth's Electromagnetic Field	83

Card 3/5

Short-Period (Cont.)

SOV/5215

Troitskaya, V. A. Beat-Type Oscillations (Pearls) in the Earth's Electromagnetic Field ( $T \sim 1-4$  sec)

89

Troitskaya, V. A., and M. V. Mel'nikova. Characteristic Intervals of Oscillations, Decreasing Over a Period ( $10^{-1}$  sec), in the Earth's Electromagnetic Field, and Their Relationship With Phenomena in the Upper Atmosphere

100

Bol'shakova, O. V., K. Yu. Zybin, and N. F. Mal'tseva. Some Regularities in the Behavior of the Vertical Component of Short-Period Oscillations of the Geomagnetic Field in a Stable Regime ( pc )

108

Kalashnikov, A. G., and K. Yu. Zybin. Some Results of the Observations of the Variations Vector of the Horizontal Component of the Earth's Magnetic Field

110

Kalashnikov, A. G., and Mokhova, Ye. N. Short-Period Variations of the Magnetic Field, Occurring Simultaneously Over a

Card 4/5

3.9110 (IIH, 1482)

29886  
S/160/61/000/009/047/056  
D228/D304

AUTHORS: Barsukov, O. M., and Zybin, K. Yu

TITLE: The non-perpendicularity of the variation vectors for  
E and H of the earth's geomagnetic field

PERIODICAL: Referativnyy zhurnal. Geofizika, no. 9, 1961, 26,  
abstract 9G210 (Korotkoperiod. kolebaniya elektro-  
magnitn. polya Zemli, no. 3, M., AN SSSR, 1961, 83-88)

TEXT: It is shown theoretically that for an anisotropic medium the  
principle of the mutual perpendicularity of vectors of electric and mag-  
netic alternating fields is violated in horizontal directions. Recordings  
of short-period variations at the Lovozero and Borok stations were pro-  
cessed for experimental verification. The principal directions of vectors  
E and H, and their diurnal variation were determined for Lovozero; the  
perpendicularity deviation is  $\sim 9^\circ + 1^\circ$ . Electromagnetic measurements  
of the impedance for different directions disclosed the anisotropy of the  
crust in the Lovozero area which, according to the calculations, should

Card 1/2

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

ZEMIN, K.Yu., KETIMENOV, N.G.

Amplitude spectrum of micropulsations in the frequency range  
of 1 to 20 cps. Geomag. i aer. 5 no.6:1125-1126 N-D '65.

(MIRA 19:1)

1. Institut fiziki Zemli AN SSSR. Submitted March 26, 1965.

SOURCE CODE: UR/0293/66/004/006/0935/0936

AUTHOR: Zybin, K. Yu.  
ORG: none

TITLE: Distribution of Alfvén velocity in the magnetosphere  
SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 6, 1966, 935-936  
TOPIC TAGS: cold plasma, plasma density, magnetic field  
SUB CODE: 20,22

ABSTRACT:

Alfvén velocity in the magnetosphere usually is computed using the formula  $V_A = H/\sqrt{4\pi\rho}$ , where  $H$  is magnetic field strength and  $\rho$  is the density of charged particles. The first computation of  $V_A$  was made by Dessler, assuming a monotonic decrease of plasma density with height and for the strength of a dipole field. However, Soviet space rockets revealed a sharp decrease of plasma density at geocentric distances  $R = 4-5 R_E$ . Much more data now is available on this plasma density jump ("knee") near which the density of cold plasma decreases by several tens of times. Such a sharp decrease naturally should lead to a considerable increase of Alfvén velocity. The graph shows a second  $V_A$  maximum at  $R = 4-5 R_E$  and a region of relatively low values  $V_A$  bounded by two maxima. This has a number of corollaries important for an understanding of the nature of geomagnetic micropulsations. The region of decreased velocities can serve as an additional resonator for magnetoacoustic waves propagating isotropically in the exosphere. This resonator exists on

Card 1/2 UDC: 550.385.41

ACC NR: AP7007601

both the daytime and nighttime sides of the magnetosphere. This makes it possible to explain nighttime pulsations of the Pi2 type. There are three regions in the magnetosphere in which magnetoacoustic resonances are possible: a) a region bounded by the "knee" and the velocity jump at the boundary of the magnetosphere; b) a region between the "knee" and the maximum of the Alfvén velocity at  $R \approx 1.5 R_E$ ; c) a region whose boundaries are the ionosphere and the velocity maximum at  $R \approx 1.5 R_E$ . These and other factors help in explaining a broad spectrum of simultaneously existing micropulsations with different periods.

[JPRS: 39,718]

Properties and nature of geomagnetic micropulsations with periods  
from 10 seconds up to several minutes. Geomag. i-aer. 5 no.3:494-  
498 My-Je '65.  
(MIRA 18:5)

1. Institut fiziki Zemli AN SSSR.

AUTHOR: Zybin, K. Yu.; Kleymenova, N. G.

ORG: Institute of Physics of the Earth, AN SSSR (Institut fiziki Zemli  
AN SSSR)

25

B

TITLE: Amplitude spectrum of micropulsations in the 1-20 cps frequency  
range

SOURCE: Geomagnetizm i sferonomiya, v. 5, no. 6, 1965, 1125-1126

TOPIC TAGS: geomagnetic field, geophysics

ABSTRACT: The paper is a report on observations of micropulsations in telluric currents at Garm, Tadzhik. SSR, in the summer of 1963. Oscilograms of the natural electromagnetic field in the 1-20-cps frequency range show a complex pattern of irregular oscillations which defies analysis. To isolate the characteristic frequencies, several of the most typical recordings of micropulsations, lasting about 30 seconds each were analyzed on an M-20 computer. The resultant data were analyzed and a curve of the  $E_x$  spectral component was plotted as a function of amplitude. This spectrum shows that the natural electromagnetic field observed in the 1-20 cps range is the result of at least two distinct

Card 1/2

UDC: 550.385.37

UDC: 550.385.17

sources. The field energy diminishes smoothly and rather rapidly with increasing frequency in the first part of the spectrum, up to 5 cps. Above 5 cps, the field energy begins to oscillate with increasing frequency. The low-frequency part of the spectrum (up to 5 cps) corresponds to oscillations of the P<sub>cl</sub> type, which have their origin in the exosphere. The maxima in the oscillations above 5 cps correspond to Schumann resonance frequencies of the earth-ionosphere cavity due to lightning flashes. Three clearly defined maxima are observed at 8.5, 14.5, and 21 cps. This spectrum is used to determine the Q of the earth-ionosphere resonance cavity, giving values of 3.4 for 8.5 cps and 3.2 for 14.5 cps, which agree satisfactorily with the data in the literature. Resonance oscillations in the middle latitudes are much stronger than in the polar regions, where fluctuations are weak and the amplitudes of the oscillations from 8 to 20 cps are nearly an order of magnitude lower than the amplitudes of geomagnetic micropulsations (1-3 cps). Orig. [14]

SUB CODE: 08,17/ SUBM DATE: 26Mar65/ ORIG REF: 002/ OTH REF: 002  
ATD PRESS: 4181

Card 2/2 HW

ZYBIN, Kh., inzhener.

Operation recorder of the "Neptun" radar station. Mor.flot 17  
no.3:24 Mr '57.  
(MLRA 10:3)

1. Elektronavigatsionnaya kamera Rizhskogo porta.  
(Riga-Radar in navigation)  
(Recording instruments)

270-67 FORM 1 starshiy prepodavatel'  
Conditions for convergence of a sequence of linear positive  
operators. Uch. zap. Kalin. gos. ped. inst. no. 5:53-56 '58.

(Operators (Mathematics)) (Convergence) (MIRA 13:10)

(

Convergence of some sequences of linear operators to discontinuous  
functions. Uch. zap. Kalin. gos. ped. inst. no. 5:57-63 '58.

(MIRA 13:10)

(Convergence) (Operators (Mathematics))  
(Functions, Discontinuous)

Basic questions on the pathogenesis, clinical picture, and treatment  
of brain insults. Voen.-med.zhur. no.9:11-17 S '59. (MIRA 13:1)  
(CEREBRAL HEMORRHAGE)

Basic principles of rehabilitative therapy following acute disorders  
in brain circulation. Voen.-med. zhur. no.5:26-30 My '60.

(CEREBRAL HEMORRHAGE)

(MIRA 13:7)

*CA*

**B complex arthritamia.** N. D. Zytin. Ann. Am. (U.S.A.R.) 24, No. 12, 45-48 (1930). During the war a no. of cases were observed in which disturbances of the circulatory systems were combined with a more or less pronounced paresis of the extremities. It has been traced to B arthritamia, particularly in respect to B<sub>1</sub>. The most effective treatment was sicc. of the organism with B<sub>1</sub> administered intravenously. Convalescence is very slow, 6 to 12 months. G. M. Kostlapoff

ABR-SEA METALLURGICAL LITERATURE CLASSIFICATION

1930-1940

1940-1950

1950-1960

1960-1970

1970-1980

1980-1990

1990-2000

2000-2010

2010-2020

2020-2030

2030-2040

2040-2050

2050-2060

2060-2070

2070-2080

2080-2090

2090-2100

2100-2110

2110-2120

2120-2130

2130-2140

2140-2150

2150-2160

2160-2170

2170-2180

2180-2190

2190-2200

2200-2210

2210-2220

2220-2230

2230-2240

2240-2250

2250-2260

2260-2270

2270-2280

2280-2290

2290-2300

2300-2310

2310-2320

2320-2330

2330-2340

2340-2350

2350-2360

2360-2370

2370-2380

2380-2390

2390-2400

2400-2410

2410-2420

2420-2430

2430-2440

2440-2450

2450-2460

2460-2470

2470-2480

2480-2490

2490-2500

2500-2510

2510-2520

2520-2530

2530-2540

2540-2550

2550-2560

2560-2570

2570-2580

2580-2590

2590-2600

2600-2610

2610-2620

2620-2630

2630-2640

2640-2650

2650-2660

2660-2670

2670-2680

2680-2690

2690-2700

2700-2710

2710-2720

2720-2730

2730-2740

2740-2750

2750-2760

2760-2770

2770-2780

2780-2790

2790-2800

2800-2810

2810-2820

2820-2830

2830-2840

2840-2850

2850-2860

2860-2870

2870-2880

2880-2890

2890-2900

2900-2910

2910-2920

2920-2930

2930-2940

2940-2950

2950-2960

2960-2970

2970-2980

2980-2990

2990-3000

3000-3010

3010-3020

3020-3030

3030-3040

3040-3050

3050-3060

3060-3070

3070-3080

3080-3090

3090-3100

3100-3110

3110-3120

3120-3130

3130-3140

3140-3150

3150-3160

3160-3170

3170-3180

3180-3190

3190-3200

3200-3210

3210-3220

3220-3230

3230-3240

3240-3250

3250-3260

3260-3270

3270-3280

3280-3290

3290-3300

3300-3310

3310-3320

3320-3330

3330-3340

3340-3350

3350-3360

3360-3370

3370-3380

3380-3390

3390-3400

3400-3410

3410-3420

3420-3430

3430-3440

3440-3450

3450-3460

3460-3470

3470-3480

3480-3490

3490-3500

3500-3510

3510-3520

3520-3530

3530-3540

3540-3550

3550-3560

3560-3570

3570-3580

3580-3590

3590-3600

3600-3610

3610-3620

3620-3630

3630-3640

3640-3650

3650-3660

3660-3670

3670-3680

3680-3690

3690-3700

3700-3710

3710-3720

3720-3730

3730-3740

3740-3750

3750-3760

3760-3770

3770-3780

3780-3790

3790-3800

3800-3810

3810-3820

3820-3830

3830-3840

3840-3850

3850-3860

3860-3870

3870-3880

3880-3890

3890-3900

3900-3910

3910-3920

3920-3930

3930-3940

3940-3950

3950-3960

3960-3970

3970-3980

3980-3990

3990-4000

4000-4010

4010-4020

4020-4030

4030-4040

4040-4050

4050-4060

4060-4070

4070-4080

4080-4090

4090-4100

4100-4110

4110-4120

4120-4130

4130-4140

4140-4150

4150-4160

4160-4170

4170-4180

4180-4190

4190-4200

4200-4210

4210-4220

4220-4230

4230-4240

4240-4250

4250-4260

4260-4270

4270-4280

4280-4290

4290-4300

4300-4310

4310-4320

4320-4330

4330-4340

4340-4350

4350-4360

4360-4370

4370-4380

4380-4390

4390-4400

4400-4410

4410-4420

4420-4430

4430-4440

BORDETSKY, V.I., inzh.; ZYBIN, P.M., inzh.; ISAKOV, Yu.N., inzh.;  
D'YACHENKO, N.Kh., doktor tekhn.nauk, prof.; LIVENTSEV, F.L.,  
kand.tekhn.nauk, dotsent; MEL'NIKOV, G.V., kand.tekhn.nauk,  
dotsent.

A new gas pipe line compressor station with evaporation cooling of  
the gas motor compressors. Energomashinostroenie 10 no.1:27-29  
Ja '64. (MIRA 17:4)

BOBOREKO, E.A.; KALYUZHNYY, M.Ya.; CHAYKA, N.D.; ABRAMOVICH, M.M.; SHILOV, Yu.P.;  
DRUZHININA, A.T.; ZYBIN, S.Ye. (deceased); BATIKOV, L.S.

Improving the process of yeast growing on wood hydrolyzates.  
Gidroliz. i lesokhim.prom. 17 no.8:22-25 '64.

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidroliznoy  
i sul'fitno-spirtovoy promyshlennosti, Leningrad (for Boboreko,  
Kalyuzhnyy, Chayka, Abramovich). 2. Ivdel'skiy gidroliznyy zavod  
(for Shilov, Druzhinina, Zybin, Batikov). (MIRA 18:1)

FISHER, P.N.; KEYL', I.A.; VOROB'YEVA, G.I.; SHVARSKHOYN, B.M.; ALYAMOVSKAYA, T.S.; ZYBIN, S.Ya.; DRUZHININA, A.T.; SHILOV, Yu.P.

Growing yeast on hydrolysates from coniferous wood. Gidrolis.  
i lesokhim. prom. 16 no.5:7-12 '63. (MIRA 17:2)

1. Moskovskoye otdeleniye Gosudarstvennogo nauchno-issledovatel'skogo instituta gidroliznoy i sul'fitno-spirtovoy promyshlennosti (for Fisher, Keyl', Vorob'yeva, Shvartskroyh, Alyamovskaya).
2. Ivdel'skiy gidroliznyy zavod (for Zybin, Druzhinina, Shilov).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
ZYBIN, S.Ye.; BATIKOV, L.S.; DOLGOKHVOSTOV, I.A.

Experiments in the production of hydrolysates for growing yeast  
at the Ivdel' Hydrolysis Plant. Gidroliz. i lesokhim. prom.  
16 no.5;3-7 '63. (MIRA 17:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidrolyznoy  
i sul'fitno-spirtovoy promyshlennosti (for Korol'kov,  
Strizhevskaya, Likhovid, Paramonova). 2. Ivdel'skiy gidroliznyy  
zavod (for Zybin, Batikov, Dolgokhvostov).

ZYBIN S.Ye.

Horizontal percolation in the extraction-battery hydrolysis of  
wood. Gidroliz. i lesokhim. prom. 8 no.5:16-17 '55. (MLRA 9:1)

1. Director Khorskogo gidroliznogo zavoda.  
(Wood-Chemistry) (Hydrolysis)

Zybin, V. - "The fantastic and the Actual," (Concerning the speed-demon lathe-hand G. Borthevich. Sketch), Smena, 1949, No. 4, p. 4, with portrait.

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

VOROB'YEV, A.A.; VASIL'YEV, N.N.; SAMORODOV, L.M.; VORONTSOV, I.V.;  
PATRIKEYEV, G.T.; MAKARENKO, M.M.; Prinimali uchastiye:  
ANDROSHCHUK, S.M.; ZYBIN, V.D.; KORNEV, I.S.; NIKOLAYENKO,  
Yu.P.; CHERNOVA, V.A.; IGONINA, Yu.A.; MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.4: Botulin anatoxin type  
E. Zhur. mikrobiol., epid. i immun. 33 no.1:72-79 Ja '62.

(MIRA 15:3)

(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

L 42067-65 ENT(1)/ERA(j)/ERA(b)-2 JR

ACCESSION NR: AF5010902

US/0256/55/003/007/0092/0093

AUTHORS: Markovich, A. V.; Vorob'yev, A. A.; Vasil'yev, N. N.; Patrikeyev, O. T.; Yenichov, V. N.; Zybina, V. D.; Kornev, I. S.; Shevelev, V. N.; Aman'yeva, Ye. P.

TITLE: Botulitic anatoxins of types A and B. Class 30, No. 169751

23  
B

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 7, 1965, 92-93

TOPIC TAGS: anatoxin, toxic substance, botulism, inoculation

ABSTRACT: This Author Certificate presents botulitic anatoxins, purified, concentrated, and sorbed with aluminum hydroxide. To produce in the blood of the inoculated people the antitoxic titers of types A and B and of the order 1-3 AE/ml, one ml of each preparation is made to contain 1000 antigenic units (IU per one AE) of the corresponding anatoxins with specific activity of no less than 3000 EC/1 mg of total nitrogen and not over 3.5 mg of aluminum hydroxide.

ASSOCIATION: none

SUBMITTED: 18 May 60  
NO REF Sov: 000  
Card 1/1 *ANAL*

ENCL: 00  
OTHER: 000

SUB CODE: LS

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

ANAN'YEVA, Ye.P.; Prinimali uchastive: ANDROSHCHUK, S.M.; IGOVINA, Yu.S.;  
SHMELEV, V.M.; MORDUYEVA, A.A.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.;  
CHERNOVA, Yu.S.; POYARKOVA, M.A.

Study of botulin anatoxins. Report No.1: Botulin anatoxin type A.  
Zhur. mikrobiol., epid. i immun. 32 no.9: 31-36 S '61. (MIRA 15'2)  
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

YANOVSKY, V.A.; VASIL'YEV, N.N.; YENICHEV, V.M.; PATRIKEYEV, G.T.;  
SHEVELEV, V.M.; ZYBIN, V.D.; KORNEV, I.S.; AIAN'YEVA, Ye.P.;  
Prinimali uchastlye: ANDROSHCHUK, S.M.; NIKOLAYENKO, Yu.P.;  
MAKAROVA, V.A.; CHERNOVA, Yu.S.; POYARKOVA, M.A.; IGOULINA, Yu.A.;  
MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.2: Botulin anatoxin type B,  
Zhur.mikrobiol., epid. i immun. 32 no.10:68-72 O '61. (MIRA 14:10)  
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

**VLASOV, Naum Il'ich; SAUTIN, Ivan Aleksayevich; ZYBIN, V. G., inzh.,**  
retsengen; RUBANOVNIK, Ye. A., ekonomist, red.; TKACHUN, A. I.,  
red.ind-va; UVAROVA, A. P., tekhn.red.; MODEL', B. I., tekhn.red.

[Organization and planning of material and technical supply  
and marketing of machinery plants] Organizatsiia i planirova-  
nie material'no-tehnicheskogo snabzheniya i sbyta mashino-  
stroitel'nykh predpriatii. Moskva, Gos.nauchno-tehn.izd-vo  
mashinostroit.lit-ry, 1959. 310 p. (MIRA 13:2)  
(Machinery industry) (Industrial management)

7646. ZYBIN, V. G. -- Kholodnaya shtampovka v mashinostroyenii. pod red. V. D. Golovleva. M., mashgiz, 1954. 280 s. ill. 27 sm. 3.000 ekz. 13R. 50K. v per. -- pered zagl. avt: G. N. Rovinskiy, S. V. Alabin, V. V. Filippov, K. A. Kalachev i V. G. Zybina. -- Bibliogr: s. 278(30 nazv.) --(55-3908)? 621.96 & (016.3)

SO: Knizhnaya Letopsis', Vol. 7, 1955

ZYBIN, Vladimir L'vovich; DAVITASHVILI, Mikhael Danilovich; SAVZDARG,  
V.E., red.; DEYSEVA, V.M., tekhn.red.

[Tat'iana Chkhaidze, prominent tea grower] Znatnyi chaevod  
Tat'iana Chkhaidze. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960.  
70 p. (MIRA 14:1)

(Georgia--Tea)

FADEYEV, Sergey Pavlovich[deceased]; ZYBIN, V.P., doktor tekhn.  
nauk, retsenzent; POKROVSKIY, A.M., kand. tekhn. nauk,  
dots., nauchn. red.; FUFAYEVA, G.I., red.

[Preparation of a course project on machine parts] Kurso-  
voe proektirovanie detalei mashin. Moskva, Vysshiaia shkola  
1964. 302 p. (MIRA 18:2)

1. Zaveduyushchiy kafedroy "Detali mashin" Vsesoyuznogo  
zaochnogo mashinostroitel'nogo instituta (for Zybin).

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu., inzh.

Assembly of a gasholder with a capacity of 20,000 m<sup>3</sup> made of rolled stock.  
Prom. stroi. i inzh. scor. 4 no.1:40-43 Ja-F '63. (MIRA 16:3)  
(Gasholders)

SOLOV'YEV, F.A., inzh.; ZYBIN, Yu.I., inzh.

Erection of poles of electric transmission lines using an auxiliary tower. Mont. i spets. rab. v stroi. 25 no. 5:19-21 My '63.

(MIRA 16:7)

1. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya  
i trest Krovorozhstal'konstruktsiya.

(Electric lines—Poles and towers)

ZYBIN, Yu.I.; SOLOV'YEV, F.A., inzh.

New method of erecting the supports for electric power transmission lines and installations of the tower type. Prom. stroi. 41 no.11:32-35 N '63. (MIRA 17:2)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut Ukrglavstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.; SOLOV'IEV, F.A., inzh.

Ways to improve the design details and methods of assembling the  
gas purification of a blast furnace. Prom. stroi. 40 [i.e. 41]  
no.4:46-49 Ap '63. (MIRA 16:3)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy  
proyektnyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu  
stal'nykh konstruktsiy i mostov.

(Blast furnaces—Equipment and supplies)  
(Gases—Purification)

KOCHETKOVA, T.S., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Effect of leather topography on the lowering of strength in stretching after a needle puncture. Izv. vys. ucheb. zav.; tekhn. leg. prom. no.2:97-104 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvi.  
(Leather--Testing)

KOCHETKOVA, T.S., inzh.; PROKHOROVA, Z.V., inzh.; ZYBIN, Yu.P., doktor  
tekhn.nauk, prof.

Scientific method of designing the inside shape of footwear. Izv.  
vys.ucheb.zav.; tekhn.leg.prom. no.2:50-57 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.  
(Shoe manufacture)

ANOKHIN, D.I., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Studying the moldability properties of shoe upper blanks. Izv.vys.  
ucheb.zav.; tekhn.leg.prom. no.2:67-72 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut lekkoj promyshlennosti.  
Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.  
(Shoe manufacture)

PEREL'MITER, V.I., inzh.; ZIBIN, Yu.P., doktor tekhn.nauk, prof.

Method for investigating the deformation of shoe uppers. Izv.vys.  
ucheb.zav.; tekhn.leg.prom. no,5:64-69 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
Rekomendovana kafedroy tekhnologii izdeliy iz koshi.  
(Shoe manufacture) (Strength of materials)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZIBIN, Yu.P., doktor tekhn.nauk, prof.

Early Russian footwear from the 12th to the 16th century. Report No.3;  
Footwear found in Moscow excavations in 1953. Izv.vys.ucheb.zav.;  
tekh.leg.prom. no.5:84-85 '60. (MIRA 13:11)  
(Moscow Province--Antiquities) (Boots and shoes)

323240  
"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZIBIN, Yu.P., doktor tekhnicheskikh nauk, professor; STESHEV, I.I., retsenzent;  
VITOVICHADOV, A.P., retsenzent.

[Technology of footwear] Tekhnologija obuvi. Moskva, Gos. nauchno-tekhn.  
izd-vo Ministerstva promyshlennych tovarov shirokogo potrebleniia SSSR,  
1953. (MLRA 7:6)

(Shoe industry)

ZYBIN, V.P., dots.; ROMANOV, M.Ya., inzh.

Investigating auromatic drive switches in semiautomatic sewing  
machines of 18th, 25th, and 29th grades. Izv.vys.ucheb.zav.;  
tekhn.leg.prom. no.5:119-129 '58. (MIRA 12:2)

1. Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti.  
(Sewing machines) (Automatic control)

DODONOV, B.P.; ZUBIN, V.P., prof., red.

[Hoisting and conveying devices; manual for students specializing in mechanics and technology] Podzemno-transportnye ustroistva; uchebnoe posobie dlja mekhanicheskikh i tekhnologicheskikh spetsial'nostei. Moskva, Vses. zaochnyi in-t tekstil'noi i legkoi promyshl., 1964. (MIRA 18:5) 159 p.

ARKHIPOV, Nikolay Nikolayevich; KARFACHEV, Pavel Spiridonovich;  
MAYZEL', Maks Mikhaylovich, doktor tekhn. nauk, prof.;  
PLEVAKO, Nikolay Alekseyevich; ZAYONCHIKOVSKIY, A.D., doktor  
tekhn. nauk, prof., retsenzent; ZOLOTOV, V.I., inzh., retsen-  
zent; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; KAPUSTIN,  
I.I., doktor tekhn. nauk, prof., retsenzent; KOZLOV, B.A.,  
inzh., retsenzent; POPOV, S.M., doktor tekhn. nauk, prof.,  
retsenzent; EPPEL', S.S., kand. tekhn.nauk, dots., retsen-  
zent; MINAYEVA, T.M., red.; SHVETSOV, S.V., tekhn. red.

[Basic processes, machinery, and apparatus of light industry]  
Osnovnye protsessy, mashiny i aparaty legkoi promyshlennosti.  
[By] N.N.Arhipov i dr. Moskva, Izd-vo nauchno-tekhn. lit-ry  
RSFSR, 1961. 491 p. (MIRA 15:2)

(Industry)

ZYBIN, V.P.

[Shoe machinery and tools] Mekhanizmy i instrumenty obuvnykh mashin.  
Moskva, Gos.izd-vo Ministerstva legkoi i pishchevoi promyshlennosti,  
1953. 150 p.

(MLRA 7:2)

(Shoe machinery)

FADEYEV, Sergey Pavlovich [deceased]; ZYBIN, V.P., doktor tekhn.  
nauk, retsentent; POKROVSKIY, A.M., kand. tekhn. nauk,  
dots., nauchn. red.; KOLODYAZHNAYA, Zh.A., red.

[Design of machine parts; collection of problems] Raschety  
detalei mashin; sbornik zadach. Moskva, Vysshiaia shkola,  
1964. 180 p. (MIRA 18:3)

1. Zaveduyushchiy kafedroy "Detali mashin PTU" Vsesoyuznogo  
zaochnogo instituta tekstil'noy i legkoy promyshlennosti  
(for Zybin).

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

KORNEV, I.S.; VENICHEV, V.M.; MORDUYEVA, A.A.; IGONINA, Yu.A.; PATRIKEYEV, G.T.;  
ANDROSHCHUK, S.M.; ZIBIN, V.D.; SHISHULINA, L.M.

Culture media other than meat extracts for the preparation of  
A and B botulin anatoxins. Vak. i syv. no.1:3-11 '63.

(MIRA 18:8)

## PAGE 1 BACK EXPLANATION

SERV/399

Borrelli, radiobiologicheskii i dosimetricheskii metod (Collection of Radiochemical and Dosimetric Methods), Moscow, 1959, 459 p. Printed 1959 numbered, 9,000 copies printed.

See, first page: N.I. Borrelli, V.F. Karpov, A.M. Kavtsev, V.M. Tsvetkov, N.I. Kholod, Instrumental'naia (Radioactive) dosimetry, Lab. Radiol. Nauk, Ed. A.I. Kholod, Moscow.

PURPOSE: The collection of methods to estimate the radioactive contamination and dose which occurs, changes and other specialists working in radioactive dosimetry.

CONTENTS: This work discusses the following subjects: (1) principles of quantitative radiation and dosimetry control in protection work, (2) methods of estimating with radioactive substances; (3) radiochemical and chemical methods for determining certain radioactive substances in samples of air, water, soil and foodstuffs; (4) physical methods of measuring contamination of the level of radioisotope doses and materials, and methods for determining the level of contamination of certain methods, conditions and factors; (5) methods of measuring chemical substances; (6) methods of estimating the level of ionizing radiation of solid and liquid radioactive sources. There are four appendices dealing with methods for estimating the total doses from sources of ionizing radiation units of activity, and doses from natural (background) radioactivity in the radiation field of atomic energy installations observed during transportation, storage and handling of nuclear energy installations (the discussion is limited to units of the radiation field of atomic energy installations). The author (N.I. Borrelli) and his co-authors (V.V. Borrelli, V. V. Kholod, and others) have written the first and the last chapters.

Ch. I. - PHYSICAL METHODS OF DETERMINING CONTAMINATION IN THE ATMOSPHERE DUE TO RADIOACTIVE SUBSTANCES AND GASES

Introduction (Yu. M. Shustakherov) 254

1. Determination of the active concentration of naturally radioactive substances (G.V. Gorobets, V.V. Borrelli, I.M. Krasnogor and V.M. Kondratenko) 262

2. Determination of the radioactive dose-contamination of air with the aid of membrane filters (Yu. L. Lammes) 269

3. Determination of the concentration of active substances with the aid of the chemical precipitation-type 27-2 (Yu.M. Krasnogor and V.M. Kondratenko) 275

4. Measurement of active dosimetry with the aid of liquid filters (I.M. Krasnogor and Yu. V. Kholod) 277

5. Radiation monitoring of radioactive gases by means of an ionization chamber (L.D. Pleshchakov and A.D. Pleshchakov) 285

6. Determination of effective air concentration due to radioactive gases and materials (B. P. Novikov, Yu. M. Borrelli and Yu. M. Shustakherov) 292

7. Measurement of the concentration of radon in the air (V.L. Kholod and V.M. Kondratenko) 298

8. Measurement of the concentration of active gases in the air by means of an air valve chamber (Yu. M. Kondratenko) 305

9. Determination of concentration of radioactive gases in the air (Yu. M. Kondratenko and Yu. M. Shustakherov) 312

10. Determination of concentration of beta-active gases in the air with the aid of a cylindrical counter placed in a chamber of fixed volume (V.V. Borrelli) 321

## BIBLIOGRAPHY

## Ch. VI. Methods of Measuring the Level of Contamination of Surfaces

Introduction (Yu. M. Shustakherov)

1. Instruments for measuring the maximum permissible level of contamination on surfaces by active substances (Yu.M. Shustakherov) 299

2. Calibration of instruments for measuring the contamination

by active substances (Yu.M. Shustakherov) 305

3. Measuring the contamination of fixed surfaces (furniture, equipment and installations) (Yu.M. Shustakherov) 306

4. Checking special cleaning for radioactive contamination

(Yu. M. Kondratenko and M. S. Sazanitskaya) 306

5. Determining the radioactive contamination of the hands and body (Yu. M. Shustakherov) 307

6. Determining the radioactive contamination of surfaces by the

alpha method (I.M. Kondratenko, Yu. Shustakherov and E. Orlina) 307

7. Determination of radioactive contamination

8. Calibration of dosimetric monitoring

9. Calibration of dosimeters

10. Calibration of dosimeters

11. Calibration of dosimeters

12. Calibration of dosimeters

13. Calibration of dosimeters

14. Calibration of dosimeters

15. Calibration of dosimeters

16. Calibration of dosimeters

17. Calibration of dosimeters

18. Calibration of dosimeters

19. Calibration of dosimeters

20. Calibration of dosimeters

21. Calibration of dosimeters

22. Calibration of dosimeters

23. Calibration of dosimeters

24. Calibration of dosimeters

25. Calibration of dosimeters

26. Calibration of dosimeters

27. Calibration of dosimeters

28. Calibration of dosimeters

29. Calibration of dosimeters

30. Calibration of dosimeters

31. Calibration of dosimeters

32. Calibration of dosimeters

33. Calibration of dosimeters

34. Calibration of dosimeters

35. Calibration of dosimeters

36. Calibration of dosimeters

37. Calibration of dosimeters

38. Calibration of dosimeters

39. Calibration of dosimeters

40. Calibration of dosimeters

41. Calibration of dosimeters

42. Calibration of dosimeters

43. Calibration of dosimeters

44. Calibration of dosimeters

45. Calibration of dosimeters

46. Calibration of dosimeters

47. Calibration of dosimeters

48. Calibration of dosimeters

49. Calibration of dosimeters

50. Calibration of dosimeters

51. Calibration of dosimeters

52. Calibration of dosimeters

53. Calibration of dosimeters

54. Calibration of dosimeters

55. Calibration of dosimeters

56. Calibration of dosimeters

57. Calibration of dosimeters

58. Calibration of dosimeters

59. Calibration of dosimeters

60. Calibration of dosimeters

61. Calibration of dosimeters

62. Calibration of dosimeters

63. Calibration of dosimeters

64. Calibration of dosimeters

65. Calibration of dosimeters

66. Calibration of dosimeters

67. Calibration of dosimeters

68. Calibration of dosimeters

69. Calibration of dosimeters

70. Calibration of dosimeters

71. Calibration of dosimeters

72. Calibration of dosimeters

73. Calibration of dosimeters

74. Calibration of dosimeters

75. Calibration of dosimeters

76. Calibration of dosimeters

77. Calibration of dosimeters

78. Calibration of dosimeters

79. Calibration of dosimeters

80. Calibration of dosimeters

81. Calibration of dosimeters

82. Calibration of dosimeters

83. Calibration of dosimeters

84. Calibration of dosimeters

85. Calibration of dosimeters

86. Calibration of dosimeters

87. Calibration of dosimeters

88. Calibration of dosimeters

89. Calibration of dosimeters

90. Calibration of dosimeters

91. Calibration of dosimeters

92. Calibration of dosimeters

93. Calibration of dosimeters

94. Calibration of dosimeters

95. Calibration of dosimeters

96. Calibration of dosimeters

97. Calibration of dosimeters

98. Calibration of dosimeters

99. Calibration of dosimeters

100. Calibration of dosimeters

101. Calibration of dosimeters

102. Calibration of dosimeters

103. Calibration of dosimeters

104. Calibration of dosimeters

105. Calibration of dosimeters

106. Calibration of dosimeters

107. Calibration of dosimeters

108. Calibration of dosimeters

109. Calibration of dosimeters

110. Calibration of dosimeters

111. Calibration of dosimeters

112. Calibration of dosimeters

113. Calibration of dosimeters

114. Calibration of dosimeters

115. Calibration of dosimeters

116. Calibration of dosimeters

117. Calibration of dosimeters

118. Calibration of dosimeters

119. Calibration of dosimeters

120. Calibration of dosimeters

121. Calibration of dosimeters

122. Calibration of dosimeters

123. Calibration of dosimeters

124. Calibration of dosimeters

125. Calibration of dosimeters

126. Calibration of dosimeters

127. Calibration of dosimeters

128. Calibration of dosimeters

129. Calibration of dosimeters

130. Calibration of dosimeters

131. Calibration of dosimeters

132. Calibration of dosimeters

133. Calibration of dosimeters

134. Calibration of dosimeters

135. Calibration of dosimeters

136. Calibration of dosimeters

137. Calibration of dosimeters

138. Calibration of dosimeters

139. Calibration of dosimeters

140. Calibration of dosimeters

141. Calibration of dosimeters

142. Calibration of dosimeters

143. Calibration of dosimeters

144. Calibration of dosimeters

145. Calibration of dosimeters

146. Calibration of dosimeters

147. Calibration of dosimeters

148. Calibration of dosimeters

149. Calibration of dosimeters

150. Calibration of dosimeters

151. Calibration of dosimeters

152. Calibration of dosimeters

153. Calibration of dosimeters

154. Calibration of dosimeters

155. Calibration of dosimeters

156. Calibration of dosimeters

157. Calibration of dosimeters

158. Calibration of dosimeters

159. Calibration of dosimeters

160. Calibration of dosimeters

161. Calibration of dosimeters

162. Calibration of dosimeters

163. Calibration of dosimeters

164. Calibration of dosimeters

165. Calibration of dosimeters

166. Calibration of dosimeters

167. Calibration of dosimeters

168. Calibration of dosimeters

169. Calibration of dosimeters

170. Calibration of dosimeters

171. Calibration of dosimeters

172. Calibration of dosimeters

173. Calibration of dosimeters

174. Calibration of dosimeters

175. Calibration of dosimeters

176. Calibration of dosimeters

177. Calibration of dosimeters

178. Calibration of dosimeters

179. Calibration of dosimeters

180. Calibration of dosimeters

181. Calibration of dosimeters

182. Calibration of dosimeters

183. Calibration of dosimeters

184. Calibration of dosimeters

185. Calibration of dosimeters

186. Calibration of dosimeters

187. Calibration of dosimeters

188. Calibration of dosimeters

189. Calibration of dosimeters

190. Calibration of dosimeters

191. Calibration of dosimeters

192. Calibration of dosimeters

193. Calibration of dosimeters

194. Calibration of dosimeters

195. Calibration of dosimeters

196. Calibration of dosimeters

197. Calibration of dosimeters

198. Calibration of dosimeters

199. Calibration of dosimeters

200. Calibration of dosimeters

201. Calibration of dosimeters

202. Calibration of dosimeters

203. Calibration of dosimeters

204. Calibration of dosimeters

205. Calibration of dosimeters

206. Calibration of dosimeters

207. Calibration of dosimeters

208. Calibration of dosimeters

209. Calibration of dosimeters

210. Calibration of dosimeters

211. Calibration of dosimeters

212. Calibration of dosimeters

213. Calibration of dosimeters

214. Calibration of dosimeters

215. Calibration of dosimeters

216. Calibration of dosimeters

217. Calibration of dosimeters

218. Calibration of dosimeters

219. Calibration of dosimeters

220. Calibration of dosimeters

221. Calibration of dosimeters

222. Calibration of dosimeters

223. Calibration of dosimeters

224. Calibration of dosimeters

225. Calibration of dosimeters

226. Calibration of dosimeters

227. Calibration of dosimeters

228. Calibration of dosimeters

229. Calibration of dosimeters

230. Calibration of dosimeters

231. Calibration of dosimeters

232. Calibration of dosimeters

233. Calibration of dosimeters

234. Calibration of dosimeters

235. Calibration of dosimeters

236. Calibration of dosimeters

237. Calibration of dosimeters

238. Calibration of dosimeters

239. Calibration of dosimeters

240. Calibration of dosimeters

241. Calibration of dosimeters

242. Calibration of dosimeters

243. Calibration of dosimeters

244. Calibration of dosimeters

245. Calibration of dosimeters

246. Calibration of dosimeters

247. Calibration of dosimeters

248. Calibration of dosimeters

249. Calibration of dosimeters

250. Calibration of dosimeters

251. Calibration of dosimeters

252. Calibration of dosimeters

253. Calibration of dosimeters

ZYBIN, Yuryi Antonovich, inzh.; SAMOSATSKIY, Nikolay  
Nikolayevich, inzh.

[Filled fluoroplasts] Napolnennye ftoroplasty. Kiev,  
Tekhnika, 1965. 73 p. (MIRA 18:10)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"  
ZYBIN, Yu.I., inzh.; GUT, A.M., inzh.; SOLOV'YEV, F.A., inzh.

Rapid erection of a head frame during the reconstruction of a mine.  
Shakh't stroi. 8 no.1:21-23 Ja '64. (MIRA 17:4)

1. Trest Krivorozhstal'konstruktsiya (for Gut). 2. Gosudarstvennyy  
proyektnyy institut Ukrprojektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu. I., inzh.; SOLOV'YEV, F. A.

Assembly of cylindrical wells made of precast reinforced concrete. From stroi 41 no. 12:32-33 D '63. (MIRA 17;5)

1. Trest Krivorozhstal'konstruktsiya (for Zybin).
2. Gosudarstvennyy proyektnyy institut Ukrprojektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.

Experiment in the installation of a coal loader. Prom.stroi. 41  
no.9:8-10 S '63. (MIRA 16:11)

1. Trest Krivorozhstal'konstruktsiya.

ZYBIN, Yu.I., inzh.

Use of an ejector in testing welded seams. Mont. 1 spats. rab.  
v stroi. 24 no.8:24-25 Ag '62. (MIRA 15:8)

1. Trest Krivorozhstal'konstruktsiya.  
(Air ejectors)

ZYBIN, Yu.P., professor; AIMATUK D.A., kandidat tekhnicheskikh nauk;  
GRUVER, M.G.

Lengthening the wear of shoes by a new last design. Leg.prom.14 no.5:  
18-19 My '54.  
(Boots and shoes)

IVANOV, B., inzhener.

"Technology of shoemaking." IU.P.Zybin. Reviewed by B.Ivanov.  
Leg.prom. 14 no.8:52-54 Ag '54. (MIRA 7:8)  
(Shoe industry) (Zybin, IU.P.)

ZYBIN, Yuriy Petrovich, doktor tekhnicheskikh nauk, professor; STESHOV, I.I., retsenzent; VINOGRADOV, A.P., retsenzent; MINAYEVA, T.M. redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor.

[Technology of footwear] Tekhnologija obuvi. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva promyshlennnykh tovarov shirokogo potrebleniia SSSR, Pt. 2, 1955. 446 p. (MLRA 8:10)  
(Shoe industry)

27 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.P., prof.

Designing a series of lasts and footwear based on the "geometrical" rule. Leg. prom. 16 no.8:38-42 Ag '56. (MIRA 10:12)  
(Lasts) (Shoe industry)

"APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R002065720017-1"  
KOZLOVA, T.V.; ZYBIN, Yu.P.

Design of shaped upper parts. Leg.prom.[16] no.11:25-27 N '56.  
(Shoe industry) (MILRA 10:1)

KOTEL'NIKOV, V.N., kand.tekhn.nauk; CHENTSOVA, E.I., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk; KOCHETKOVA, T.S.; ZAKATOVA, N.D., kand.tekhn.nauk; GUBAREV, A.S., kand.tekhn.nauk; SHVETSOVA, T.P., inzh.; VOROB'YEVA, A.A., kand.tekhn.nauk; MIRSKIY, V.I., inzh.; NISNEVICH, Ye.A., kand.tekhn.nauk; GOI'DSHTEYN, A.V., inzh.; KALASHNIKOVA, T.A., inzh.; SHUSTOROVICH, M.I., kand.tekhn.nauk; MOREKHODOV, G.A., inzh.; ZAKHAROV, S.R., retsenzent; BLAGOVESTOV, B.K., retsenzent; STRONGINA, O.P., retsenzent; SHMIDT, M.I., retsenzent; ZUYEV, V.T., retsenzent; KOSAREV, M.I., retsenzent; STEPANOV, I.S., retsenzent; RAMM, S.N., retsenzent; PEVZNER, B.M., retsenzent; VEYNBERG, I.A., retsenzent; TURBIN, A.S., retsenzent; SMIRNOVA, Ye.V., retsenzent; BUGOSLAVSKAYA, L.A., retsenzent; GAMOVA, A.S., retsenzent; KHANIN, N.M., retsenzent; MURVABIDZE, D.S., red.; FLEMYANNIKOV, N.N., red.; GRACHEVA, A.V., red.; MUSDVERDEV, L.Ya., tekhn.red.

[Shoemaker's handbook] Spravochnik obuvshchika. Vol.1. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl. 1958. 540 p. (MIRA 12:4)

1. Gosudarstvennaya Ordona Lenina i Ordona Trudovogo Krasnogo Znaniya obuvnaya fabrika "Skorokhod" imeni Ya.Kalinina (for Zekharov, Blagovestov, Strongina, Shmidt, Zuyev, Kosarev, Stepanov, Ramm, Pevzner, Veynberg, Turbin, Smirnova, Bugoslavskaya, Gamova, Khanin).  
(Shoe manufacture)

Factors affecting the finish quality of leather sole butts.  
Izv. vys.ucheb.zav.; tekhn.leg. prom. no.1:67-73 '58. (MIRA 11:6)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Shoe manufacture)

BARYKIN, A.M., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk

Regularity in the distribution of usable parts of suslik skins.  
Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:14-24 '53.

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Fur) (MIRA 11:10)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZIBIN, Yu.P., prof., doktor tekhn. nauk,

Ancient Russian footwear from the 12th to the 14th centuries.  
Izv.vys.ucheb.zav.; tekhn.leg.prom. no.4:36-44 '58. (MIRA 11:12)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Boots and shoes)

ZIBIN, Yu.P., doktor tehn.nauk, prof.

Ancient Russian footwear from the 12th to 16th century. Izv.vys.  
ucheb.zav.; tekhn.leg.prom. no.6:33-40 '58.. (MIRA 12:4)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.  
(Shoe industry)

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.P., doktor tekhn.nauk, prof.; SANTALOVA, Z.V., kand, tekhn.nauk

Forming conditions of chrome-tanned leather surfaces. Leg.prom.  
18 no.4:24-27 Ap '58.

(Leather work)

(MIRA 11:4)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

AKULOVA, T.Ye.; UL'YANITSKIY, V.A.; ZYBIN, Yu.P.

Measuring deformations with a mercury strain gauge. Leg.prom.  
18 no.6:23-26 Je '58. (MIRA 12:10)  
(Strain gages) (Shoe industry)

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720017-1  
CIA-RDP86-00513R002065720017-1"

OBIN, T.U.T., PRIBORA, L.I.

Polishing the bottom side of leather sole. Leg.prom. 18 no.12:  
15-17 D '58. (MIRA 11:12)

(Shoe manufacture)